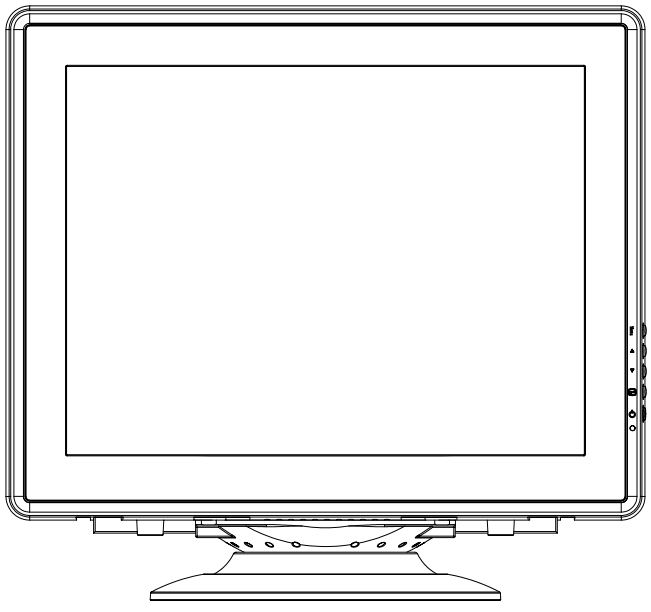
SAMSUNG

COLOR MONITOR

LE17IS/LE19IS/LE19IT

SERVICE Manual

COLOR MONITOR



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1 Precautions

1-1 Safety Precautions

WARNINGS

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power before servicing.
3. When the chassis is operating, semiconductor heatsinks are potential shock hazards.

1-1-1 Servicing the High Voltage and CRT :

WARNING: A high voltage adjusted to the wrong value may cause excessive X-ray emissions.

1. When servicing the high voltage system, remove the static charge by connecting a 10 kohm resistor in series with an insulated wire (such as a test probe) between the chassis and the anode lead.
2. When troubleshooting a monitor with excessively HV, avoid being unnecessarily close to the monitor. Do not operate the monitor for longer than is necessary to locate the cause of excessive voltage.
3. High voltage should always be kept at the rated value, no higher. Only when high voltage is excessive are X-rays capable of penetrating the shell of the CRT, including the lead in glass material. Operation at high voltages may also cause failure of the CRT or high voltage circuitry.
4. When the HV regulator is operating properly, there is no possibility of an X-ray problem. Make sure the HV does not exceed its specified value and that it is regulating correctly.
5. The CRT is especially designed to prohibit X-ray emissions. To ensure continued X-ray protection, replace the CRT only with one that is the same or equivalent type as the original.
6. Handle the CRT only when wearing shatterproof goggles and after completely discharging the high voltage anode.
7. Do not lift the CRT by the neck.

1-1-2 Fire and Shock Hazard :

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):
   WARNING: Do not use an isolation transformer during this test.

   Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).
4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

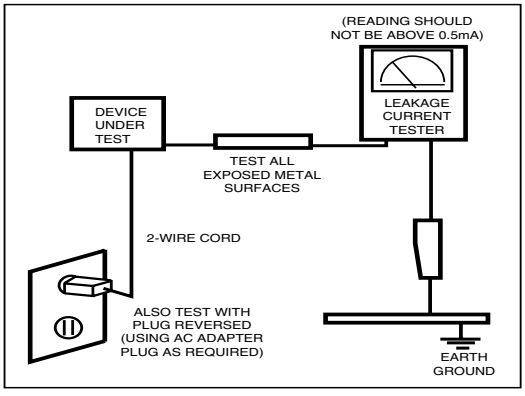

(READING SHOULD NOT BE ABOVE 0.5mA)
DEVICE UNDER TEST
LEAKAGE CURRENT TESTER
TEST ALL EXPOSED METAL SURFACES
2-WIRE CORD
ALSO TEST WITH PLUG REVERSED (USING AC ADAPTER PLUG AS REQUIRED)
EARTH GROUND

Figure 1-1. Leakage Current Test Circuit

1-1-3 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and / or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

Components identified by ☢ on schematics and parts lists must be sealed by a soldering iron after replacement and adjustment.

1-2 Servicing Precautions

WARNING1: First read the "Safety Precautions" section of this manual. If unforeseen circumstances create conflict between the servicing precautions and safety precautions, always follow the safety precautions.

WARNING2: A high voltage adjusted to the wrong value may cause excessive X-ray emissions.

WARNING3: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet, and should be followed closely.
2. Always unplug the unit's AC power cord from the AC power source before attempting to: (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect all test components in parallel with an electrolytic capacitor.
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the +B voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.
9. ⚠ Indicates ESDs on the Schematic Diagram in this manual.

2 Product Specifications

2-1 Specifications

Item	Description
Picture Tube	17-Inch (43 cm): 16-inch (40.6 cm) viewable, 19-Inch (48.2 cm): 18-inch (45.8 cm) viewable, 17"/19": 0.26 mm Dot pitch, Full-square tube / Perfect Flatness, 90˚ Deflection, Anti-Reflection coating with Anti-electrastatic, Medium short persistence phosphor
Scanning Frequency (Automatic)	Horizontal : LE17IS: 30 kHz ~ 96 kHz (Automatic) LE19IS/LE19IT: 30 kHz ~ 96 kHz (Automatic) Vertical : 50 Hz ~ 160 Hz (Automatic)
Display Colors	Unlimited colors
Maximum Resolution	Horizontal : 1600 Pixels, Vertical : 1200 Pixels
Input Video Signal	Analog, 0.7 Vp-p positive at 75 Ω, internally terminated
Input Sync Signal	Separate Sync : TTL level positive/negative Composite Sync : TTL level positive/negative
Maximum Pixel Clock rate	250 MHz
Active Display	17" ; Horizontal : 312 mm, Vertical : 234 mm 19" ; Horizontal : 352 mm, Vertical : 264 mm
Input Voltage	AC 90 ~ 264 Volts, 60/ 50 Hz ± 3 Hz
Power Consumption (nominal)	17": 90 Watt , 19": 110 Watt
Dimensions (W x D x H) Unit / Carton LE17IS LE19IS LE19IS(B) LE19IT	 15.8 x 16.1 x 12.7 Inches (401 x 410 x 323 mm) State of stand installed / 18.3 x 20.4 x 18.1 Inches (464 x 518 x 459 mm) 17.5x 18.0 x 14.1 Inches (445 x 457.5 x 358 mm) State of stand installed / 19.4 x 24.1 x 22.7 Inches (492 x 611 x 576 mm) 17.5x 18.0 x 14.1 Inches (445 x 457.5 x 358 mm) State of stand installed / 19.4 x 24.1 x 22.7 Inches (492 x 611 x 576 mm) 17.5x 18.0 x 14.1 Inches (445 x 457.5 x 358 mm) State of stand installed / 19.4 x 24.1 x 22.7 Inches (492 x 611 x 576 mm)
Weight (Net/Gross) LE17IS LE19IS LE19IS(B) LE19IT	 14.3 kg (31.5 lbs) State of stand installed / 16.2 kg (35.7 lbs) 18.2 kg (40.1 lbs) State of stand installed / 21.5 kg (47.4 lbs) 18.2 kg (40.1 lbs) State of stand installed / 21.5 kg (47.4 lbs) 18.2 kg (40.1 lbs) State of stand installed / 21.5 kg (47.4 lbs)
Environmental Considerations	Operating Temperature : 32°F ~ 104°F (0°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %
• Designs and specifications are subject to change without prior notice.	

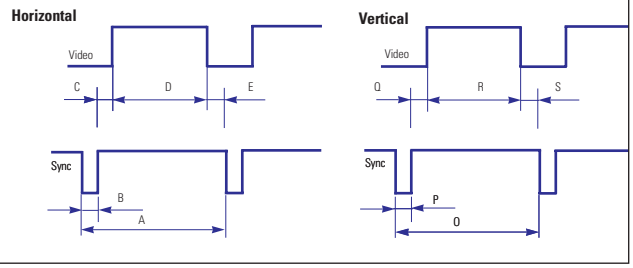
2-2 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

Table 2-1 Timing Chart

Mode / Timing	VESA		
	1024/85 Hz 1024 x 768	1280/85 Hz 1280 x 1024	640/75 Hz 640 x 480
fH (kHz)	68.677	91.146	37.500
A µsec	14.561	10.971	26.667
B µsec	1.016	0.016	2.032
C µsec	2.201	1.422	3.810
D µsec	10.836	8.127	20.317
E µsec	0.508	0.406	0.508
fV (Hz)	84.997	85.024	75.000
O msec	11.765	11.761	13.333
P msec	0.044	0.033	0.080
Q msec	0.524	0.483	0.427
R msec	11.183	11.235	12.800
S msec	0.015	0.011	0.027
Clock Freq. (MHz)	94.500	157.500	31.500
Polarity H.Sync	Positive	Positive	Negative
V.Sync	Positive	Positive	Negative
Remark	Separate	Separate	Separate

Separate Sync



A : Line time total	B : Horizontal sync width	O : Frame time total	P : Vertical sync width
C : Back porch	D : Active time	Q : Back porch	R : Active time
E : Front porch		S : Front porch	

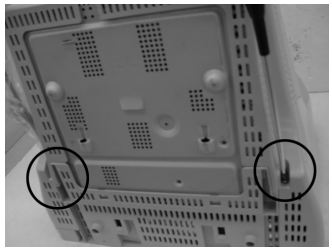
3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LE17IS/LE19IS/LE19IT TFT-LCD monitors.

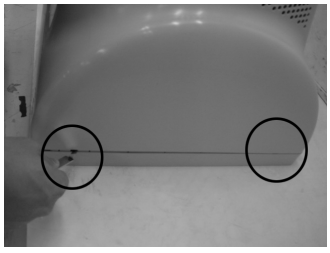
WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

3-1 Disassembly

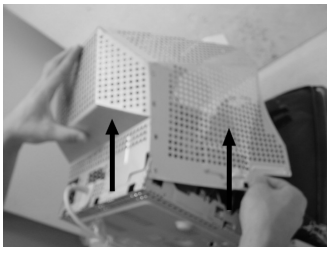
Cautions: 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use any metal instrument except provided jig to separate the cabinet.
3. R/Cover opening jig : BH81-00001A



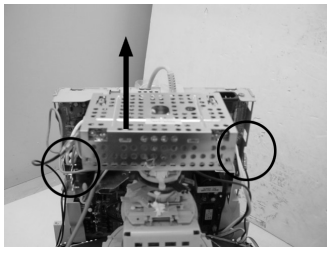
1. Release the snaps on the rear stand and pull the stand backwards from the monitor and remove 2 screws from the rear top shield.

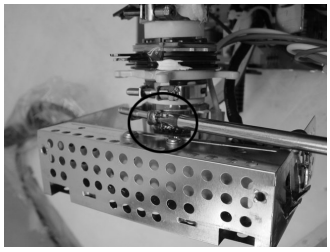


2. Insert the opening jig into the grooves at each side and press unill it cilcks and lift up the rear cover.

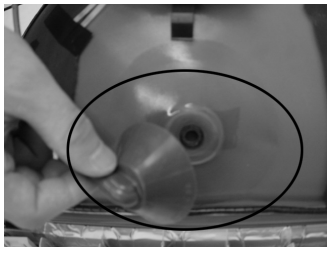


3. Remove 2 screws from the shield and lift up the shield.

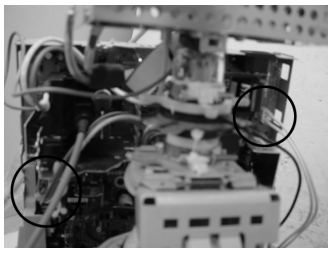




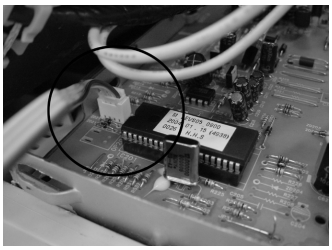
4. Disconnect 2 ground from the shield video and release the 1 screw to remove the CDT from the CDT socketboard.

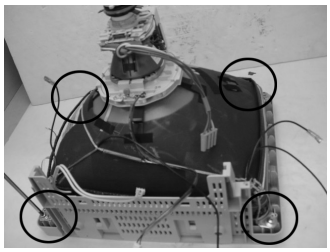


5. High voltage may be present.
⚠ **Caution : Remove the high voltage cap from the CDT.**

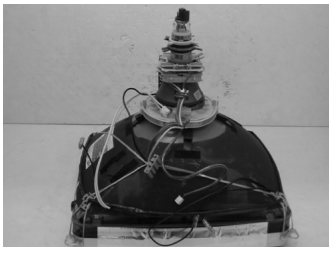


6. Disconnect DY cable, D-COIL cable from the CDT socket. Using the jig, release the snaps connecting the front cover and the PCB. Lift up the bottom to separate the two shields.





7. Disconnect function wire connecter from the MAIN board. Remove 4 screws from the front cover.



8. Remove CDT from the front cover.

3-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

4 Alignment and Adjustments

This section of the service manual explains how to make permanet adjustments to the monitor.
Use the MTI-2031 jig and soft jig when adjust this part.

4-1 Adjustment Conditions

Caution: Changes made without the Softjig are saved only to the user mode settings. As such, the settings are not permanently stored and may be inadvertently deleted by the user.

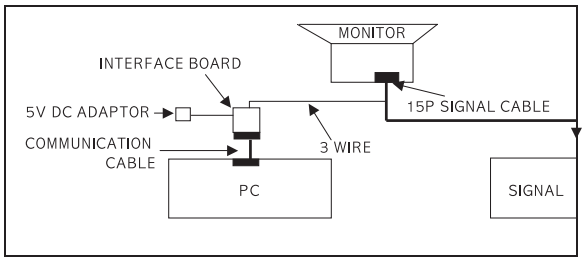


Figure 4-1. When using signal generator

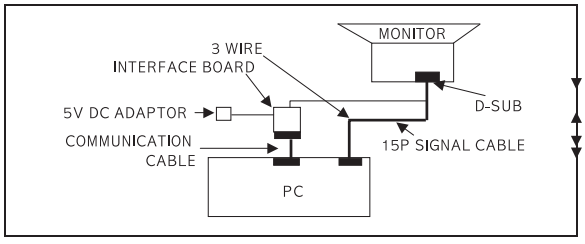


Figure 4-2. When using only PC

4-1-1 Before Making Adjustments

4-1-1 (a) ORIENTATION

When servicing, always face the monitor to the east.

4-1-1 (b) WARM-UP TIME

The monitor must be on for 30 minutes before starting alignment. Warm-up time is especially critical in color temperature and white balance adjustments.

4-1-1 (c) SIGNAL

Analog, 0.7 Vp-p positive at 75 ohm, internal termination

Sync: Separate/Composite
(TTL level negative/positive)

Table 4-1. MDL File and DDC File on each model

Model	MDL File	DDC File	Remarks
LE19IS	LE19I_SDI_BNC_v00	SM997DF.ddc	Syncmaster
LE19IS	LE19IS_SDI_v00	CD197G.ddc	Syncmaster
LE19IT	LE19IT_SDI_v00	S990DF.ddc	Syncmaster
		ST98PDF.ddc	Syncmaster
LE17IS	LE17IT_SDI_v00	SM797DF.ddc	Syncmaster
		SM737DF.ddc	Syncmaster

4-1-1 (d) SCANNING FREQUENCY

Horizontal: 30 kHz ~ 96 kHz (Automatic)
Vertical: 50 Hz ~ 160 Hz (Automatic)

4-1-1 (e) HIGH VOLTAGE ADJUSTMENT

Signal: 1024 x 768 mode (68 kHz / 85 Hz)
Display image: Full white
Contrast: Maximum
Brightness: Maximum
Limit: LE17 inch
Direct POINT : 26.0KV ± 0.5KV
Indirect POINT : 200V ± 1V

LE19 inch
Direct POINT : 27.0KV ± 0.5KV
Indirect POINT : 210V ± 1V

Measure high voltage with the indirect point (LOCATION: TP501). If you need, use the soft Jig.

4-1-1 (f) G2 (SCREEN) VOLTAGE

Adjust G2 voltage with screen VR of FBT up to the voltage of 570V (17 inch) 530V (19 inch)

4-2 Display Control Adjustments

4-2-1 Display Control Adjustments

4-2-1(a) HOW TO ADJUST THE SCREEN

Refer to the contents from 4-2-1 to 4-2-9.

1. Choose the MDL file of the relevant model on MDL file.
2. Delete the user.
3. Dump the stand mode from the soft jig geometry mode.
4. Save the all mode after adjusting the screen in the standard mode (68 kHz / 85 Hz).
5. Savethe mode after adjusting the screen in the other modes.

Notice : *Don't save the all mode after adjusting the other mode.*

4-2-2(b) TERMS OF THE SCREEN ADJUSTMENT

Scanning frequency:	68 kHz / 85 Hz
Screen:	Latticed pattern
Brightness:	The minimum (Cut-off)
Image:	The maximum

4-2-2 Centering

Centering means to position the center point of the display in the middle of the display area. Horizontal size and position and vertical size and position control the centering of the display.

Adjust the horizontal size and vertical size to their optimal settings: see table 4-3.
1024 x 768 mode (68 kHz / 85 Hz)

Adjust the horizontal position and vertical position to ≤ 4.0 mm of the center point of the screen.

| A-B | ≤ 4.0 mm. | | C-D | ≤ 4.0 mm.

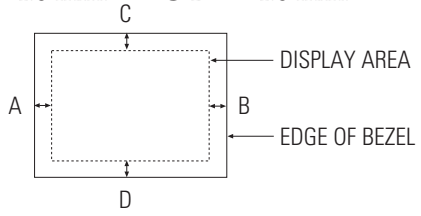


Figure 4-3. Centering

4-2-2 (a) HORIZONTAL SIZE ADJUSTMENT

Click on the << or >> box next to **SIZE B+** to adjust the horizontal size of the display pattern to 312 mm / 356 mm (Tolerance: ± 3 mm) as the "H_SIZE" is "60" on the OSD.

4-2-2 (b) VERTICAL SIZE ADJUSTMENT

Click on the << or >> box next to **V_SIZE** to adjust the vertical size of the display pattern to 234 mm / 264 mm. (Tolerance : ± 3 mm)

4-2-2 (c) HORIZONTAL POSITION ADJUSTMENT

Click on the << or >> box next to **H_POSI** to center the horizontal image on the raster.

4-2-2 (d) VERTICAL POSITION ADJUSTMENT

Click on the << or >> box next to **V_POSI** to center the vertical image on the raster.

4-2-3 Linearity

Linearity affects the symmetry of images as they appear on the screen. Unless each row or column of blocks in a crosshatch pattern is of equal size, or within the tolerances shown in Table 4-1, an image will appear distorted, elongated or squashed.

$$\text{Horizontal Linearity} = 2x\,\frac{\text{X max-X min}}{\text{X max+X min}} x100$$

$$\text{Vertical Linearity} = 2x\,\frac{\text{Y max-Y min}}{\text{Y max+Y min}}\ x100$$

Table 4-2.

	Adjacent Linearity	Entire Linearity
Preset mode	≤ 4%	≤ 8%
Pre-load mode (48 kHz~)	≤ 5%	≤ 10%
Pre-load mode (under 48 kHz)	≤ 5%	≤ 14%

❊ Preset Mode : 68 kHz / 85 Hz
Pre-load Mode : Refer to Timing Chart

4-2-3 (a) HORIZONTAL LINEARITY ADJUSTMENT

To adjust the Horizontal Linearity, refer to Table 4-1 for the tolerance range.

Click on the << or >> box next to **H_LIN** to optimize the image.

Table 4-3.
(Horizontal x Vertical Size Table)

	17"	19"
Horizontal	312	352
Vertical	234	264

4-2-3 (b) VERTICAL LINEARITY ADJUSTMENT

To adjust the Vertical Linearity, refer to Table 4-1 for the tolerance range.
Use control bar after selecting "V_LINEARITY BAL" in left menu to optimize the image.

4-2-4 Trapezoid Adjustment

Use control bar after selecting **"TRAPEZOID"** in left menu to make the image area rectangular.

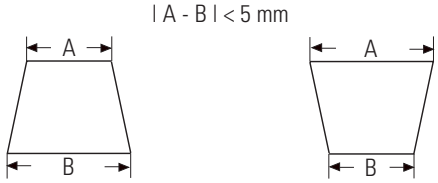


Figure 4-4. Trapezoid

4-2-5 Pinbalance Adjustment

Use control bar after selecting **"PINBALANCE"** in left menu to optimize the image.

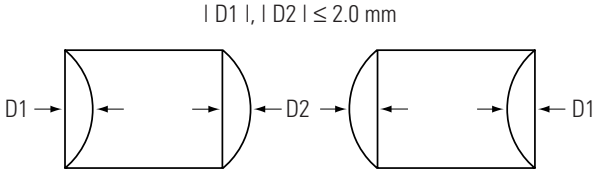


Figure 4-5. Pinbalance

4-2-6 Parallelogram Adjustment

Use control bar after selecting **"PARALLEL"** in left menu to make the image area rectangular.

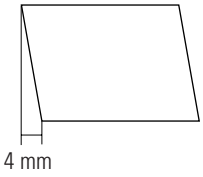


Figure 4-6. Parallelogram

4-2-7 Side Pincushion Adjustment

Use control bar after selecting **"PINCUSHION"** in left menu to straighten the sides of the image area.

| C1 |, | C2 | ≤ 2.0 mm, | D1 |, | D2 | ≤ 2.0 mm.

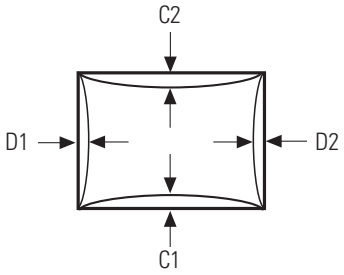


Figure 4-7. Pincushion

4-2-9 Degauss

No adjustments are available for the degaussing circuit. The degaussing circuit can effectively function only once per 30 minutes.

4-2-9 Save the Data

To save the adjustment data for factory frequencys, press **FACTORY SAVE**.

4-2-10 To Delete the User Mode Data

To delete the adjustment data from the user modes, click "@4: USER DELETE" in right menu.

4-3 Color Adjustments

4-3-1 Color Adjustments

4-3-1 (a) HOW TO ADJUST THE COLOR

Refer to the contents from 4-3-1 to 4-3-5.

1. Choose the MDL file of the relevant model on MDL file.
2. Delete the user.
3. Dump the stand color after choosing the color1 from the soft jig color mode.
4. Save the all color after adjusting the color1 .
5. Choose the color 2 and then adjust the color and then save.
6. Choose the color 3 and then adjust the color and then save.

Notice : *Don't save the all color after adjusting color 2 and 3.*

4-3-2 Color Coordinates (Temperature)

Color temperature is a measurement of the radiant energy transmitted by a color. For computer monitors, the color temperature refers to the radiant energy transmitted by white. Color coordinates are the X and Y coordinates on the chromaticity diagram of wavelengths for the visible spectrum.

CONDITIONS

Measurement instrument:	Color analyzer
Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Display image:	White flat field at Center of display area
Brightness:	Cut-off
Contrast:	Maximum

PROCEDURE

Use the directions in sections 4-3-2 through 4-3-4 to adjust the color coordinates for:
9300K to x = 0.283 ± 0.015, y = 0.298 ± 0.015
5000K to x = 0.346 ± 0.02, y = 0.359 ± 0.02
sRGB to x = 0.312 ± 0.02, y = 0.329 ± 0.02

4-3-3 Color Adjustments for 9300K

4-3-3 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Screen:	Back raster pattern
Bright:	MAX
Contraster:	MAX

1. Select **COLOR CHANNEL 1** to control the color for 9300K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7ft-L using the "**GREEN CUTOFF"** controls.
3. Use control bar after selecting **"BLUE CUTOFF"** in left menu to set the "y" coordinate to 0.298 ± 0.015
4. Use control bar after selecting **"RED CUTOFF"** in left menu to 0.283 ± 0.015

Notice : *If color values do not match desirable values, repeat sequence 3 and 4 after slightly readjusting "GREEN CUTOFF" control a little different.*

4-3-3 (b) GAIN (WITHOUT ABL) ADJUSTMENT

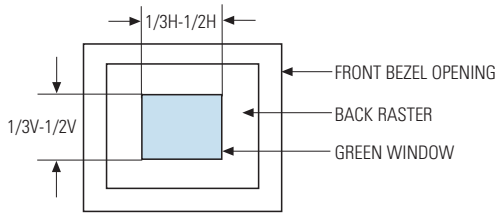


Figure 4-8. Green Box Pattern

CONDITIONS

Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Screen:	White square
Bright:	Cut off
Contraster:	MAX

1. Bright should be cut off .
2. Save after adjusting like this (Color coordinates x=0.283 ± 0.02, y=0.298 ± 0.02 Brightness, 17 inch : 42 ± 1 F/L, 19 inch : 38 ± 1 F/L) with R,G,B gain key.
3. Adjust the high light brightness (17 and 19 inch : 65 ± 1 F/L) with BMCONT key after turning on BM and then save.

Notice : *Don't adjust BM of AN19MT. (There is no function for high light zone) Adjust BM only to color1.*

4-3-3 (c) MODIFY WITH ABL ADJUSTMENT

CONDITIONS

Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Screen:	Full White Pattern
Bright:	Cut off
Contraster:	MAX

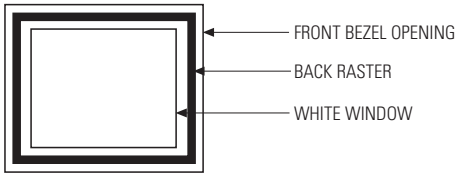


Figure 4-9. Full White Pattern

1. Bright should be cut off .
2. Save after adjusting the brightness (17, 19 inch : 30 F/L) with ABL key .
3. Save all colors.

Notice : *Save all color only to color1 . The value of color while adjusting ABL is hardly changed.*

Luminance Table (9300K) 4-4.

	17"	19"
With ABL	30 ft-L	30 ft-L
Without ABL	40 ft-L	38 ft-L
Without ABL (High Light is Activated)	65 ft-L	65 ft-L

4-3-3 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

CONDITIONS

Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Display image:	Back raster pattern
X-Y Coordinates:	x = 0.283 ± 0.02, y = 0.298 ± 0.02
Raster Luminance	0.3 ~ 1 ft-L
ABL Luminance	30 ± 1 ft-L
Brightness:	Cut-off
Contrast:	Maximum

1. Check whether the color coordinates of the back raster satisfy the above spec.

   If they do not, return to 4-3-2 (a) and readjust all settings.
2. Display a full white pattern.

Notice: *Do not touch the* ***G_GAIN*** *controls.*

3. Adjust the Contrast Control on the monitor so that the luminance of the video is about 5 ft-L.
4. Check whether the white coordinates of the video meet the above coordinates spec.
5. Adjust the Contrast Control again so that the luminance of the video is about 20 ft-L.
6. Check whether the white coordinates of the video satisfies the above spec.

   If they do not, return to 4-3-2 (a) and readjust all settings.

4-3-4 Color Adjustments for 5000K

4-3-4 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Display image:	Back raster pattern
Brightness:	MAX
Contrast:	MAX

1. Select **COLOR CHANNEL 2** to control the color for 5000K.
2. Adjust the luminance of the back raster to between 0.5 to 0.7 ft-L using the **G_CUT** controls.
3. Click on the << or >> boxes next to **R_CUT** and **B_CUT** to adjust the R-Bias to x = 0.346 ± 0.02 and the B-Bias to y = 0.359 ± 0.02

4-3-4 (b) GAIN (WITHOUT ABL) ADJUSTMENT

1. Bright should be cut off .
2. Save after adjusting like this (Color coordinates x=0.3460.03, y=0.3590.03 Brightness, 17 inch : 38 ± 1 F/L, 19 inch : 35 ± 1 F/L) with R,G,B gain key .

Notice : *The condition for adjusting is the same as 9300K. Modify to ABL adjustment.*

4-3-3 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

Scanning frequency: 17 inch : 68 kHz / 85 Hz
19 inch : 91 kHz / 85 Hz
Screen: Full White Pattern
Bright: Cut off
Contraster: MAX

1. Bright should be vut off .
2. Save after adjusting the brightness (17 inch : 30 ± 1 F/L, 19 inch : 28 ± 1 F/L) with ABL key.

Notice : *Don't save all colors after adjusting color save all color only to color1.*
The value of color coordinates while adjusting ABL is hardly changed.

4-3-4 (d) WHITE BALANCE ADJUSTMENT VERIFICATION

Refer to the procedure for 9300K, section 4-3-3 (d).

Luminance Table (5000K) 4-5.

4-3-5 Color	17"	19"
Without ABL	38 ft-L	35 ft-L
With ABL	30 ft-L	28 ft-L

Adjustments for sRGB

4-3-5 (a) BACK RASTER COLOR ADJUSTMENT

CONDITIONS

Scanning frequency: 17 inch : 68 kHz / 85 Hz
19 inch : 91 kHz / 85 Hz
Screen: Back raster pattern
Bright: MAX
Contraster: MAX

1. Select **COLOR CHANNEL 3** to control the color for sRGB.
2. Adjust the luminance of the back raster to between 0.5 to 0.7 ft-L using the **G_CUT** controls.
3. Click on the << or >> boxes next to **R_CUT** and **B_CUT** to adjust the R-Bias to x = 0.312 ± 0.02 and the B-Bias to y = 0.329 ± 0.02.

4-3-5 (b) GAIN (WITHOUT ABL) ADJUSTMENT

1. Bright should be cut off.
2. Save after adjusting like this (Color coordinates x=0.313 ±0.015, y=0.329 ±0.015 Brightness 17 and 19 inch : 24 ± 1 F/L) with R, G, B gain key.

Notice : *The condition for adjusting is the same as 9300K.*
Don't adjust ABL to SRGB Mode
Modify with ABL.
Delete all the contents and add the contents below.

4-3-5 (c) WHITE BALANCE ADJUSTMENT

CONDITIONS

Scanning frequency: 68 kHz / 85 Hz
Display image: Full white pattern
Brightness: Cut-off
Contrast: Maximum

1. Click on the << or >> boxes next to **R_GAIN** and **B_GAIN** to make the video white. (For sRGB color adjustment: x = 0.312 ± 0.02, y = 0.329 ± 0.02.)
2. Select COLOR FACTORY SAVE to save the data.

Luminance Table 4-6.

	17"/19"
Without ABL	24 ft-L

4-3-6 Luminance Uniformity Check

Luminance is considered uniform only if the ratio of lowest to highest brightness areas on the screen is not less than 7.5:10.

CONDITIONS

Scanning frequency:
17 inch : 68 kHz / 85 Hz (1024 x 768)
19 inch : 91 kHz / 85 Hz (1280 x 1024)

Display image:	White flat field
Brightness:	Cut off point
Contrast:	Maximum

PROCEDURE

Measure luminance at nine points on the display screen (see figure below).

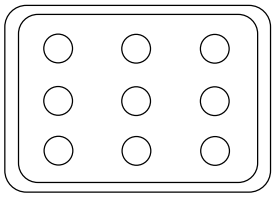


Figure 4-10 Luminance Uniformity Check Locations

4-3-7 Focus Adjustment

CONDITIONS

Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Display image:	"H" character pattern
Brightness:	Cut off point
Contrast:	Maximum

PROCEDURE

1. Adjust the Focus VR on the FBT to display the sharpest image possible.
2. Use Locktite to seal the Focus VR in position.

4-3-8 Color Purity Adjustment

Color purity is the absence of undesired color. Conspicuous mislanding (unexpected color in a uniform field) within the display area shall not be visible at a distance of 50 cm from the CRT surface.

CONDITIONS

Orientation:	Monitor facing east
Scanning frequency:	17 inch : 68 kHz / 85 Hz 19 inch : 91 kHz / 85 Hz
Display image:	White flat field
Luminance:	Cut off point at the center of the display area

Note: *Color purity adjustments should only be attempted by qualified personnel.*

PROCEDURE

For trained and experienced service technicians only.

Use the following procedure to correct minor color purity problems:

1. Make sure the display is not affected by external magnetic fields.
2. Very carefully break the glue seal between the 2-pole purity convergence magnets (PCM), the band and the spacer.
3. Make sure the spacing between the PCM assembly and the CRT stem is 29 mm ± 1 mm.
4. Display a green pattern over the entire display area.
5. Adjust the purity magnet rings on the PCM assembly to display a pure green pattern. (Optimum setting: x = 0.295 ± 0.015, y = 0.594 ± 0.015)
6. Repeat steps 4 and 5 using a red pattern and then again, using a blue pattern.

Table 4-7. Color Purity Tolerances

(For 9300K color adjustment: x = 0.283 ± 0.02, y = 0.298 ± 0.02)

Red:	x = 0.620 ± 0.015	y = 0.334 ± 0.015
Green:	x = 0.289 ± 0.015	y = 0.595 ± 0.015
Blue:	x = 0.153 ± 0.015	y = 0.072 ± 0.015

7. When you have the PCMs properly adjusted, carefully glue them together to prevent their movement during shipping.

Memo

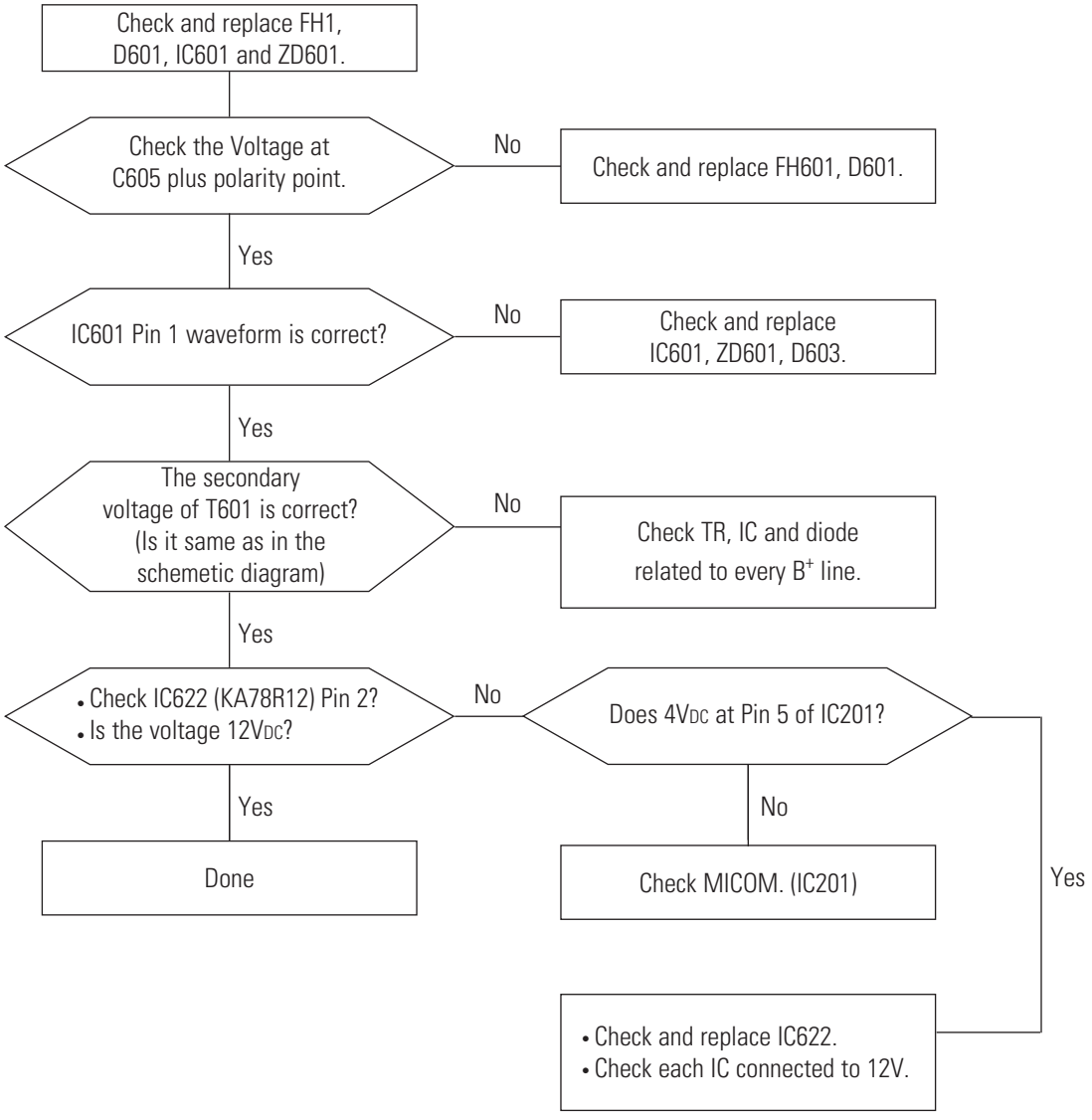
5 Troubleshooting

5-1 Parts Level Troubleshooting

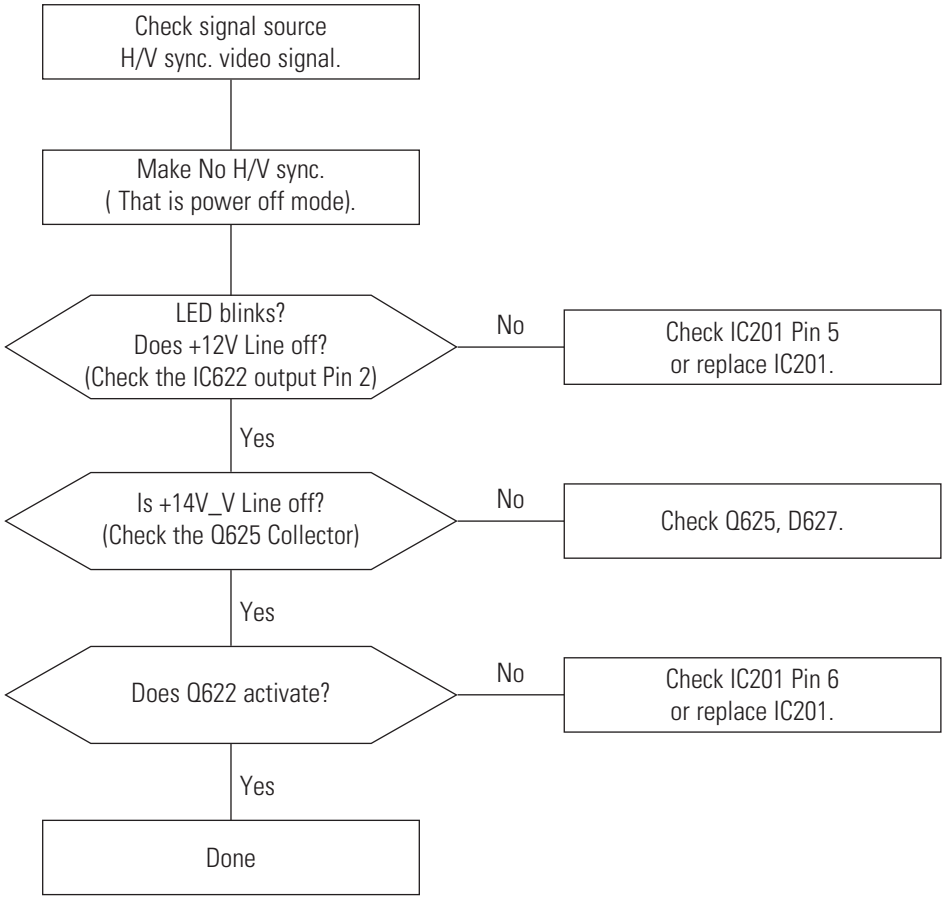
Notes: 1. If a picture does not appear, Click the Brightness and Contrast button on the front panel, and then increase the value of Brightness and Contrast.

2. Check the following circuits.
   - No raster appears: Power circuit, Horizontal output circuit, H/V control circuit, and H/V output circuit.
   - High voltage develops but no raster appears: Video output circuits.
   - High voltage does not develop: Horizontal output circuits.

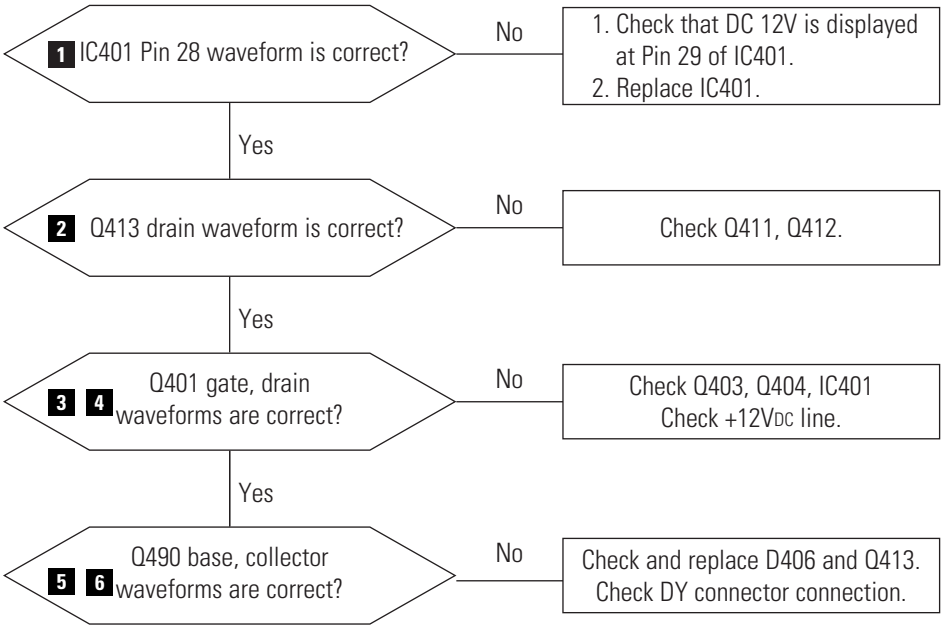
5-1-1 No Power Supply


Check and replace FH1, D601, IC601 and ZD601.
Check the Voltage at C605 plus polarity point.
No
Check and replace FH601, D601.
Yes
IC601 Pin 1 waveform is correct?
No
Check and replace IC601, ZD601, D603.
Yes
The secondary voltage of T601 is correct? (Is it same as in the schemetic diagram)
No
Check TR, IC and diode related to every B+ line.
Yes
• Check IC622 (KA78R12) Pin 2?
• Is the voltage 12VDC?
No
Does 4VDC at Pin 5 of IC201?
Yes
No
Yes
Done
Check MICOM. (IC201)
• Check and replace IC622.
• Check each IC connected to 12V.

5-1-2 DPMS Failure

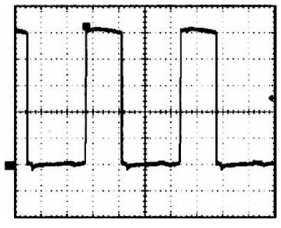


5-1-3 H_Deflection Failure



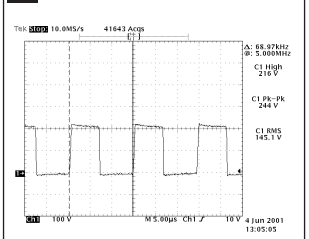
WAVEFORMS

1 IC401, #28

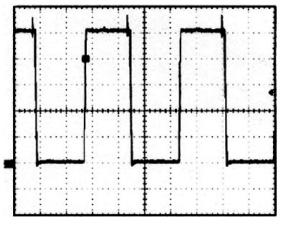


CH1 P-P = 10.96 V CH1 RMS = 6.180 V

2 Q413, Drain

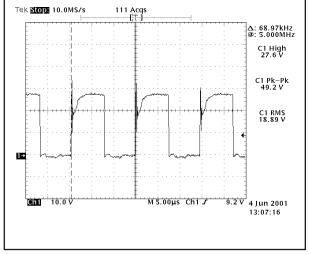


3 Q401, Gate

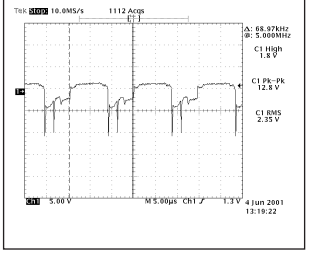


CH1 P-P = 11.6 V CH1 RMS = 6.944V

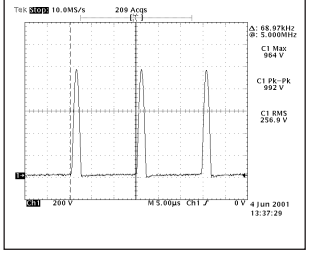
4 Q401, Drain



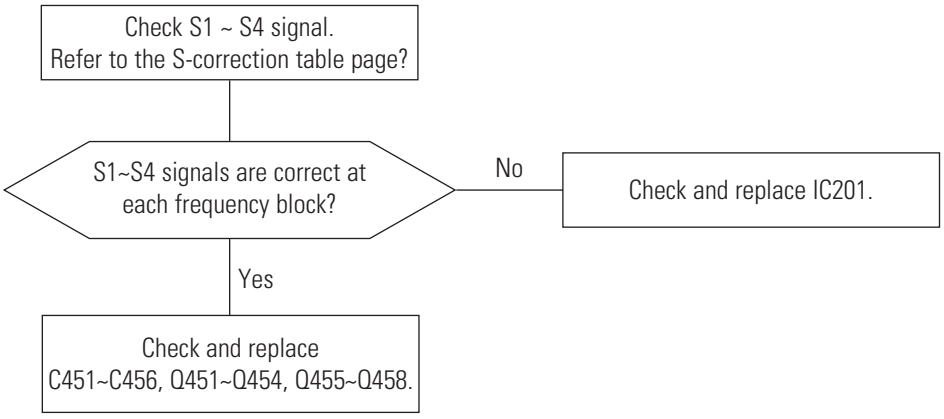
5 Q490, Base



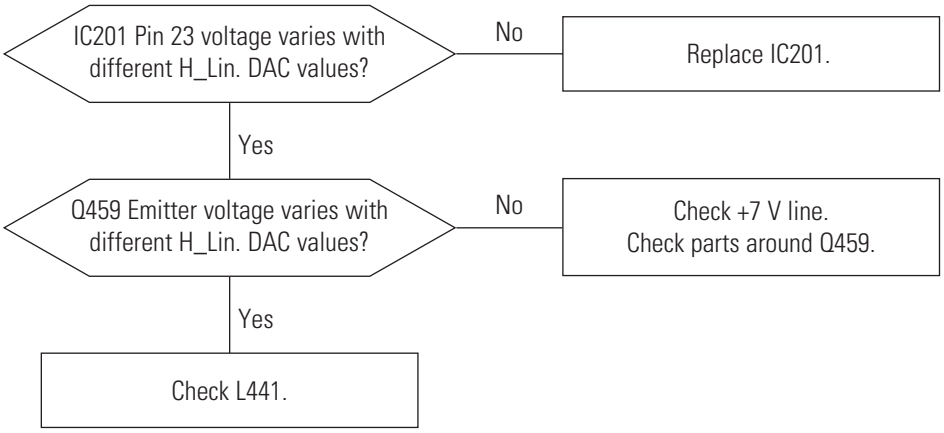
6 Q490, Collector



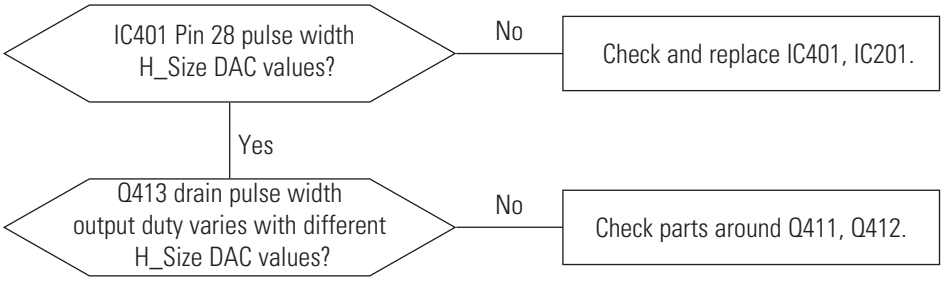
5-1-4 S Correction Failure


Check S1 ~ S4 signal.
Refer to the S-correction table page?
S1~S4 signals are correct at each frequency block?
No
Check and replace IC201.
Yes
Check and replace C451~C456, Q451~Q454, Q455~Q458.

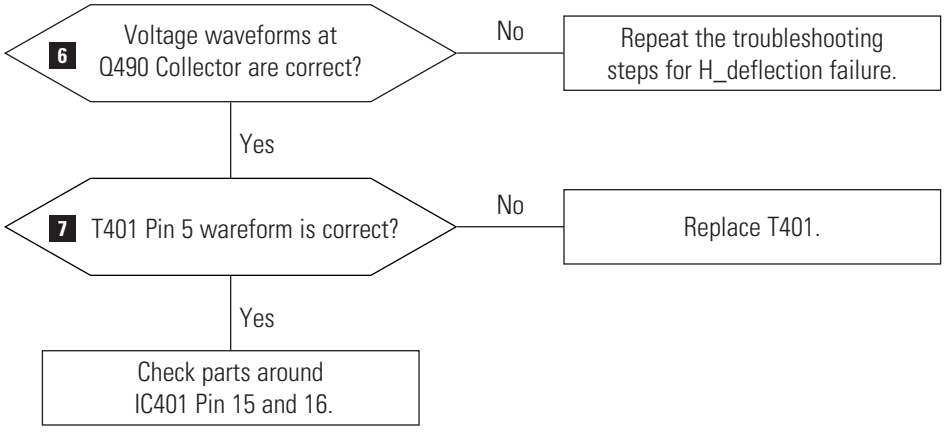
5-1-5 H_Lin. Failure



5-1-6 Invariable H_Size

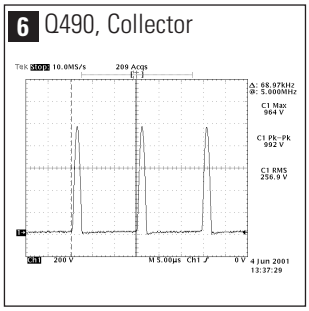

IC401 Pin 28 pulse width H_Size DAC values?
No
Check and replace IC401, IC201.
Yes
Q413 drain pulse width output duty varies with different H_Size DAC values?
No
Check parts around Q411, Q412.

5-1-7 Abnormal H_Size

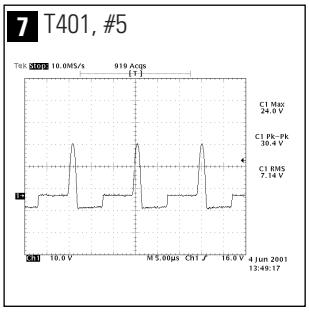


WAVEFORMS

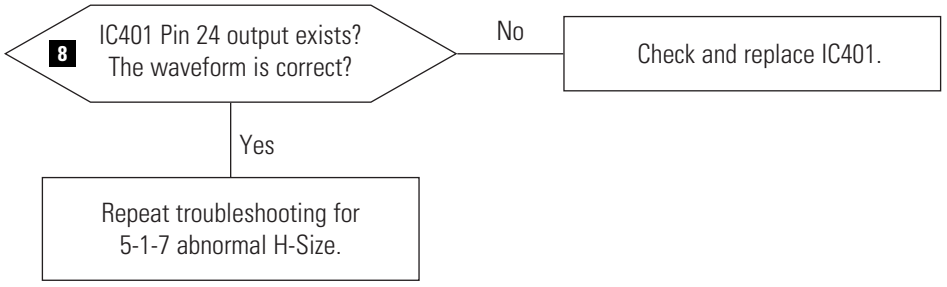
6 Q490, Collector



7 T401, #5

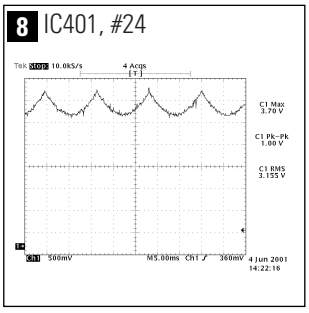


5-1-8 Side Pin or Trap Failure

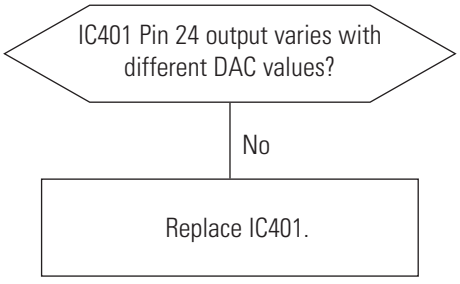


WAVEFORMS

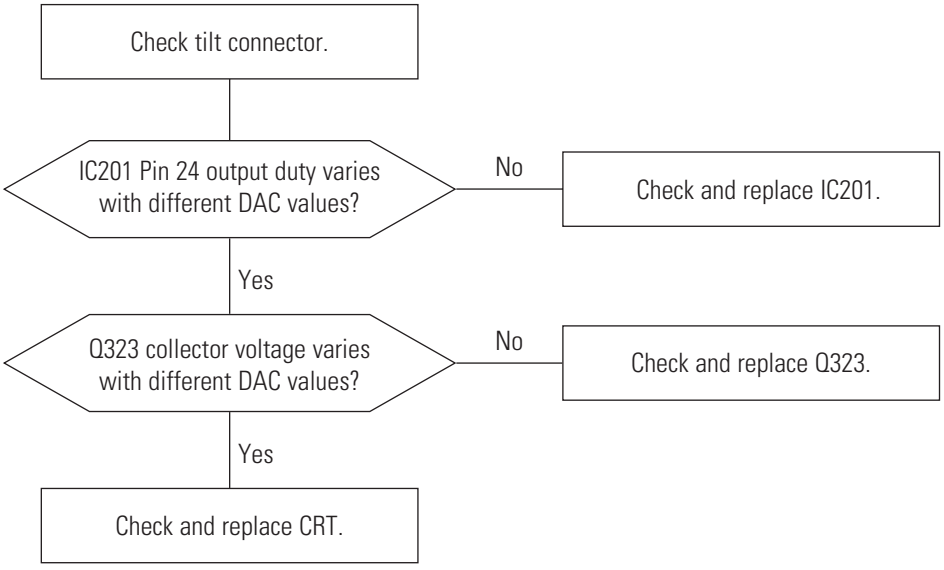
8 IC401, #24



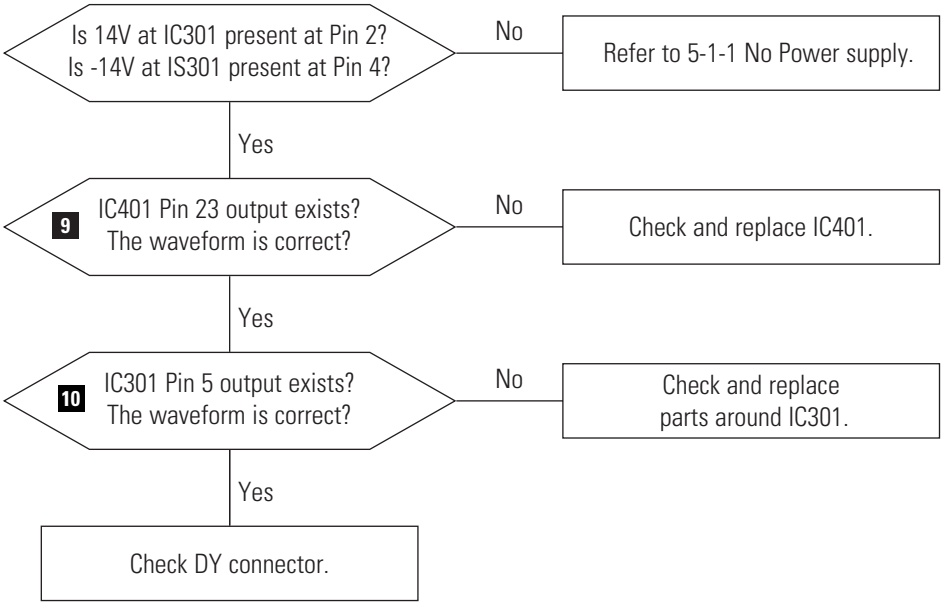
5-1-9 Para. or Pin Balance Failure



5-1-10 Tilt Failure

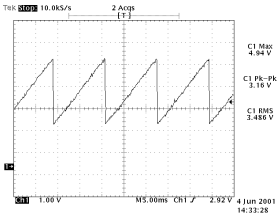


5-1-11 V Deflection Failure

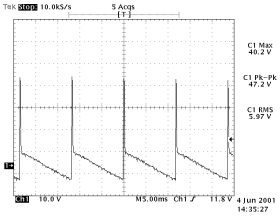


WAVEFORMS

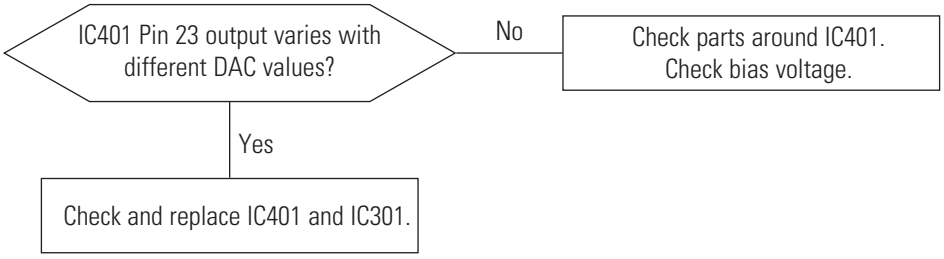
9 IC401, #23



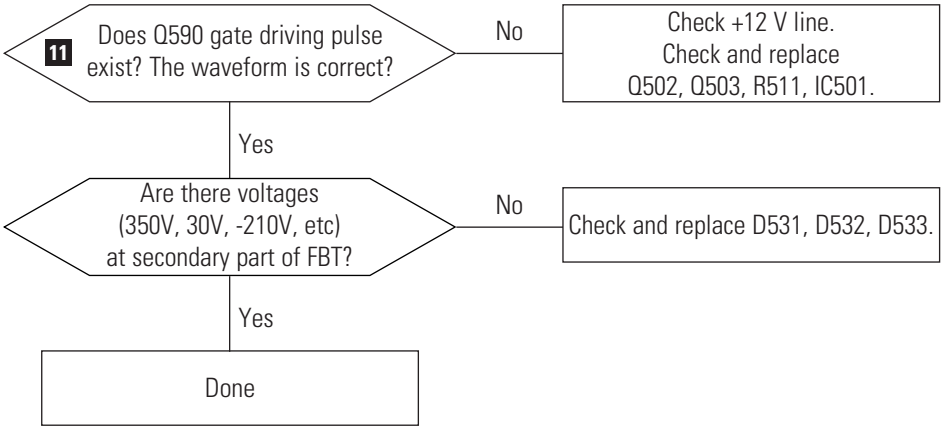
10 IC301, #5



5-1-12 V Size or Pos. Variation Failure

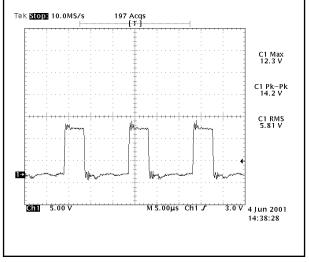

IC401 Pin 23 output varies with different DAC values?
No
Check parts around IC401. Check bias voltage.
Yes
Check and replace IC401 and IC301.

5-1-13 High Voltage Failure

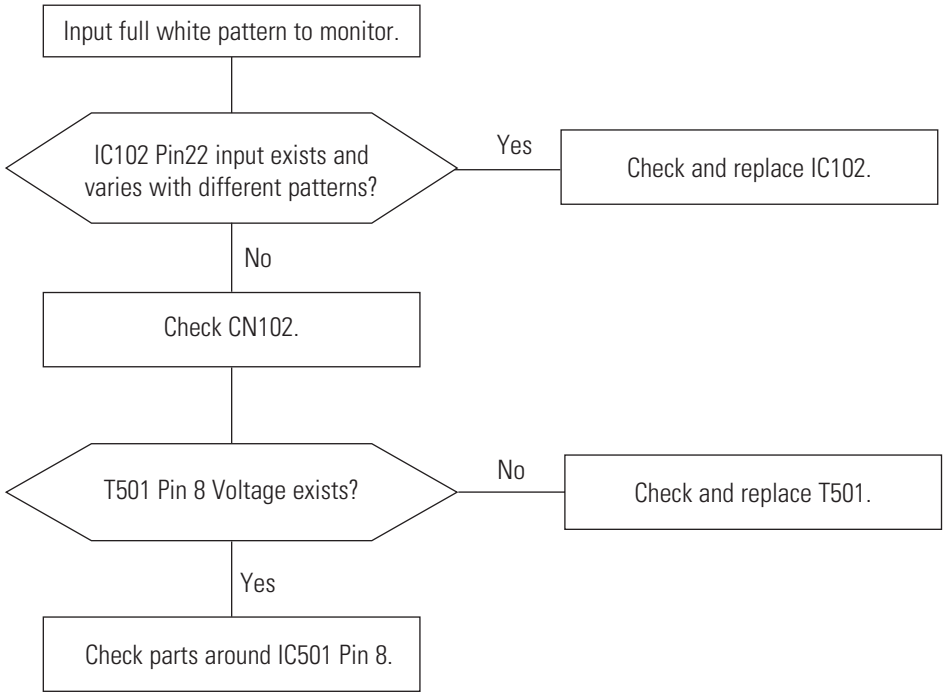

11
Does Q590 gate driving pulse exist? The waveform is correct?
No
Check +12 V line. Check and replace Q502, Q503, R511, IC501.
Yes
Are there voltages (350V, 30V, -210V, etc) at secondary part of FBT?
No
Check and replace D531, D532, D533.
Yes
Done

WAVEFORMS

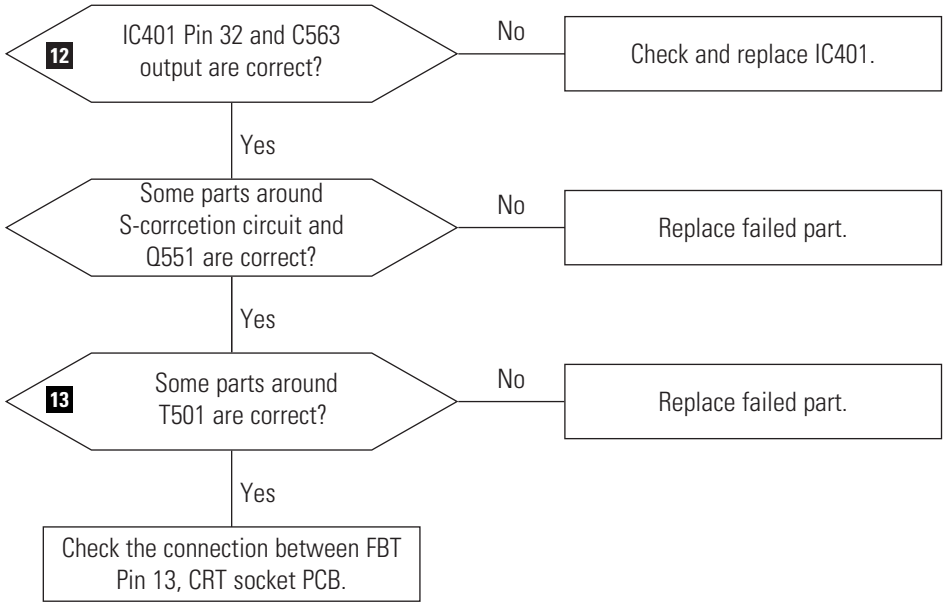
11 Q590, Gate



5-1-14 ABL Failure

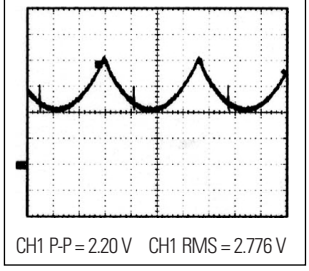


5-1-15 Focus Failure

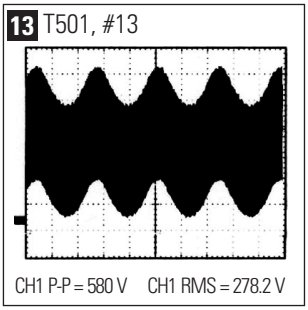


WAVEFORMS

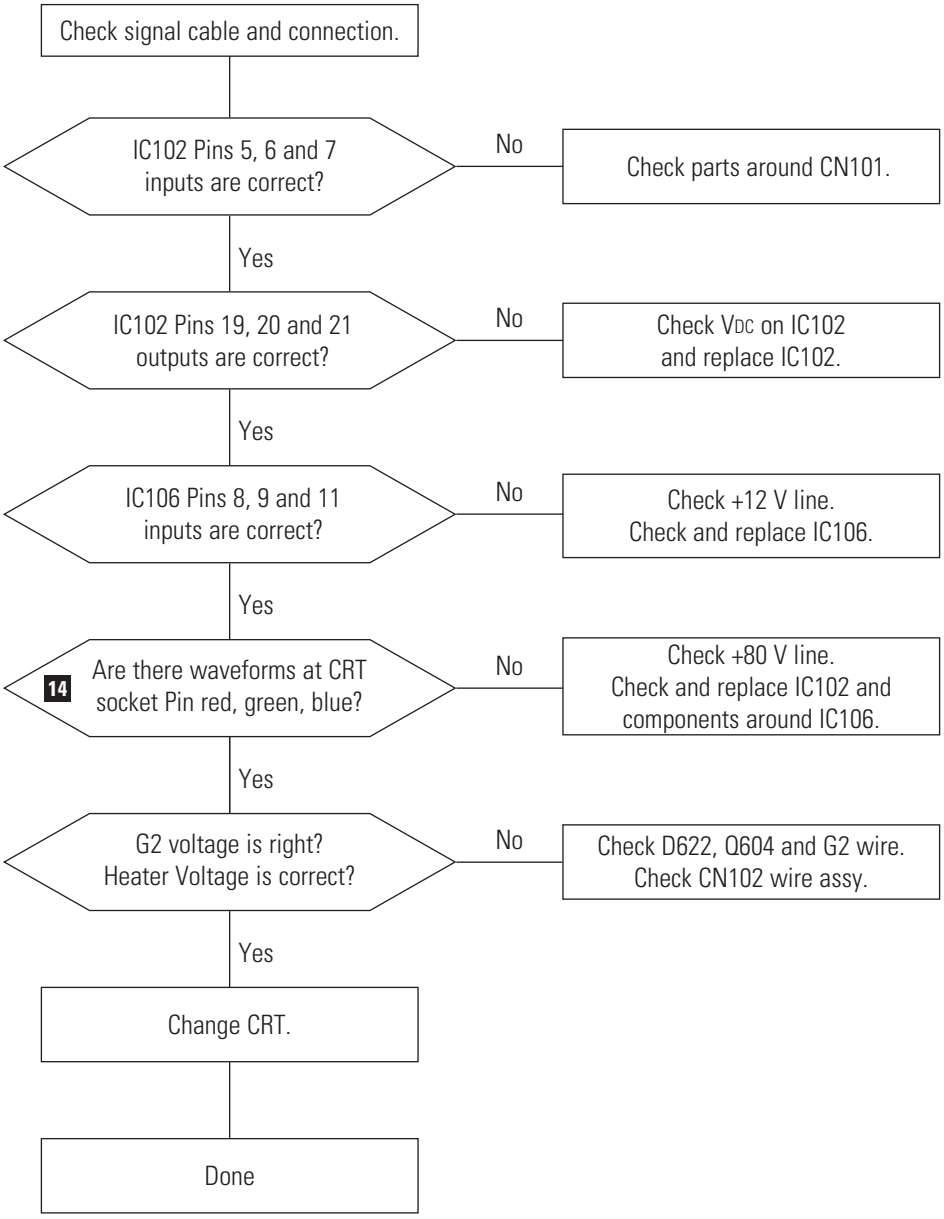
12 C563, 60V



13 T501, #13

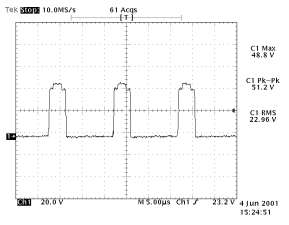


5-1-16 No Video

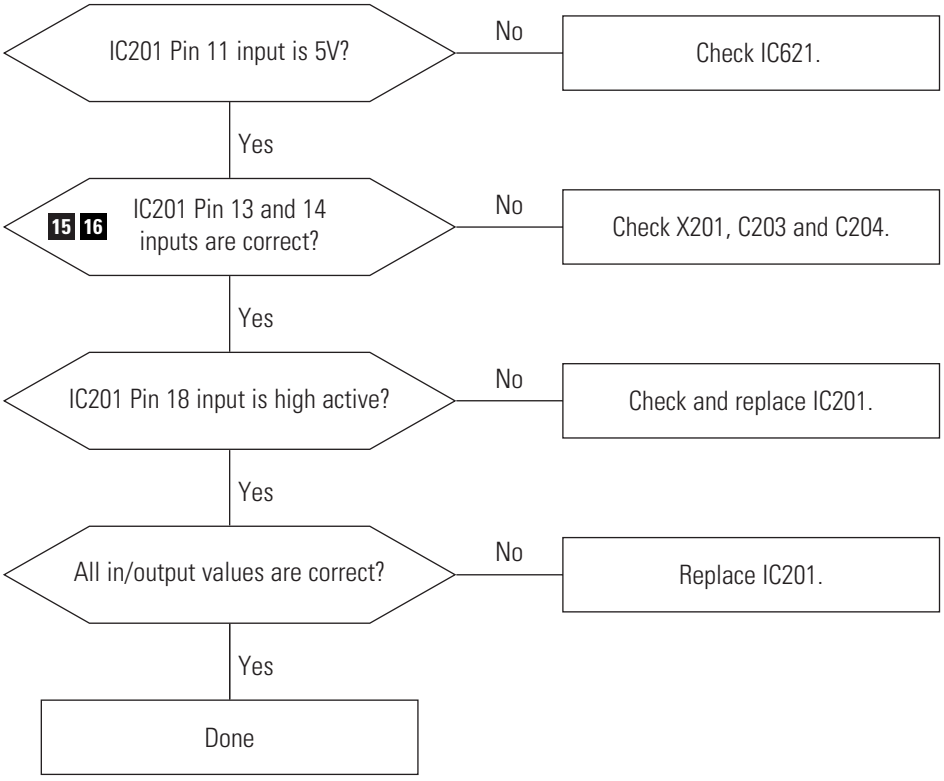

Check signal cable and connection.
IC102 Pins 5, 6 and 7 inputs are correct?
No
Check parts around CN101.
Yes
IC102 Pins 19, 20 and 21 outputs are correct?
No
Check VDC on IC102 and replace IC102.
Yes
IC106 Pins 8, 9 and 11 inputs are correct?
No
Check +12 V line. Check and replace IC106.
Yes
14 Are there waveforms at CRT socket Pin red, green, blue?
No
Check +80 V line. Check and replace IC102 and components around IC106.
Yes
G2 voltage is right? Heater Voltage is correct?
No
Check D622, Q604 and G2 wire. Check CN102 wire assy.
Yes
Change CRT.
Done

WAVEFORMS

14 CRT Socket, Red, Green, Blue

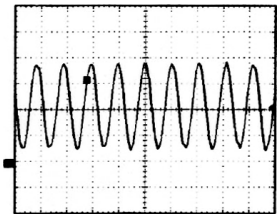


5-1-17 Micom Failure



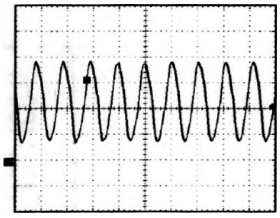
WAVEFORMS

15 3.42 V (IC201, #13)



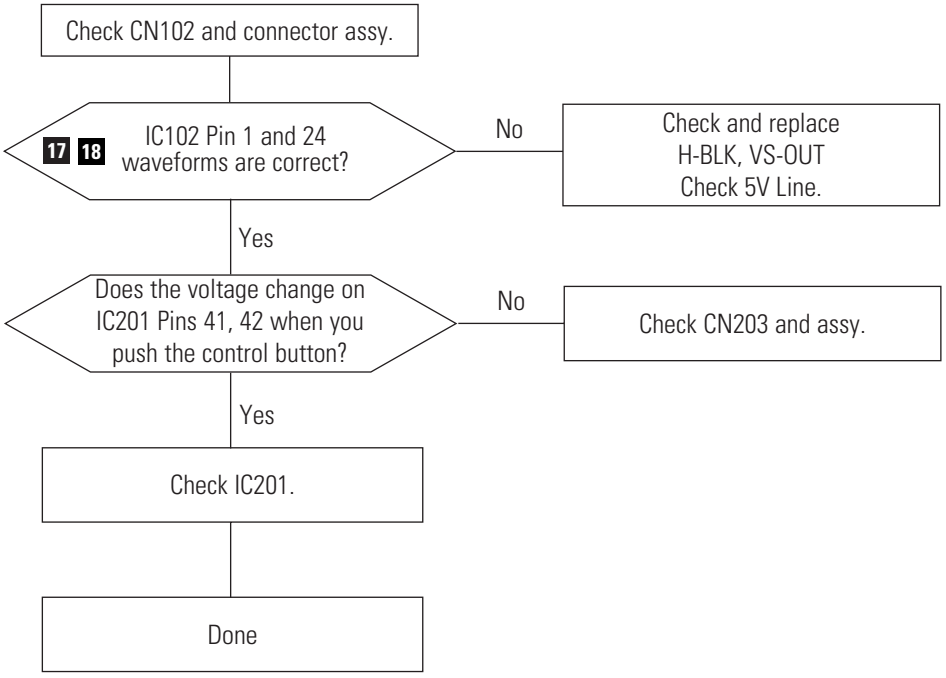
CH1 P-P = 3.42 V CH1 RMS = 2.500V

16 3.16 V (IC201, #14)



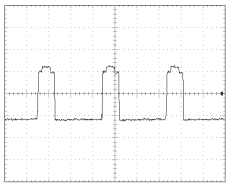
CH1 P-P = 3.16 V CH1 RMS = 2.560 V

5-1-18 OSD Failure

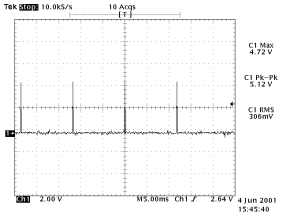

Check CN102 and connector assy.
17 18 IC102 Pin 1 and 24 waveforms are correct?
No
Check and replace H-BLK, VS-OUT Check 5V Line.
Yes
Does the voltage change on IC201 Pins 41, 42 when you push the control button?
No
Check CN203 and assy.
Yes
Check IC201.
Done

WAVEFORMS

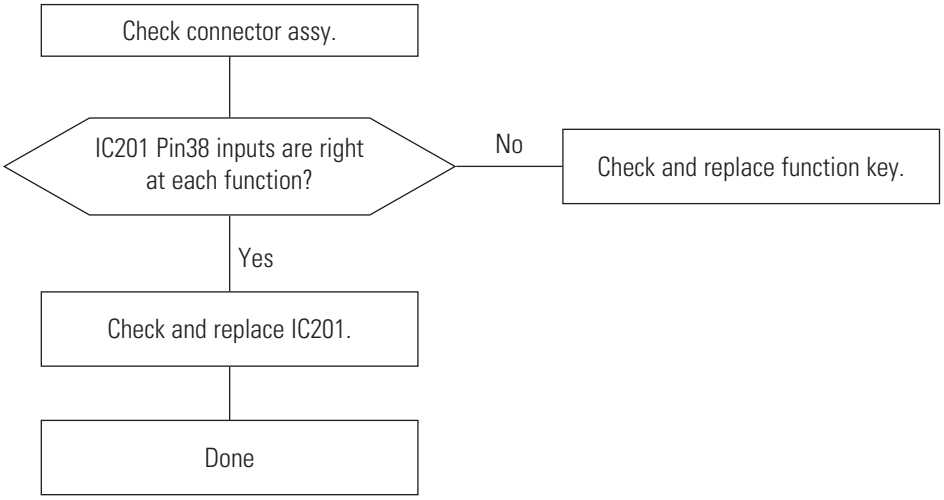
17 IC102, #1



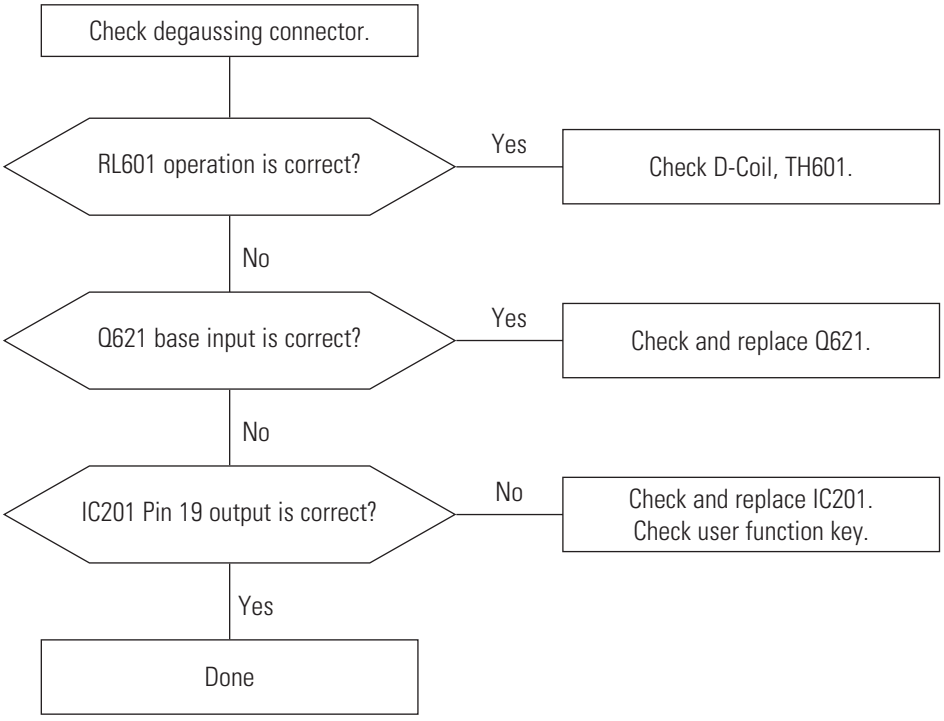
18 IC102, #24



5-1-19 User Control Failure

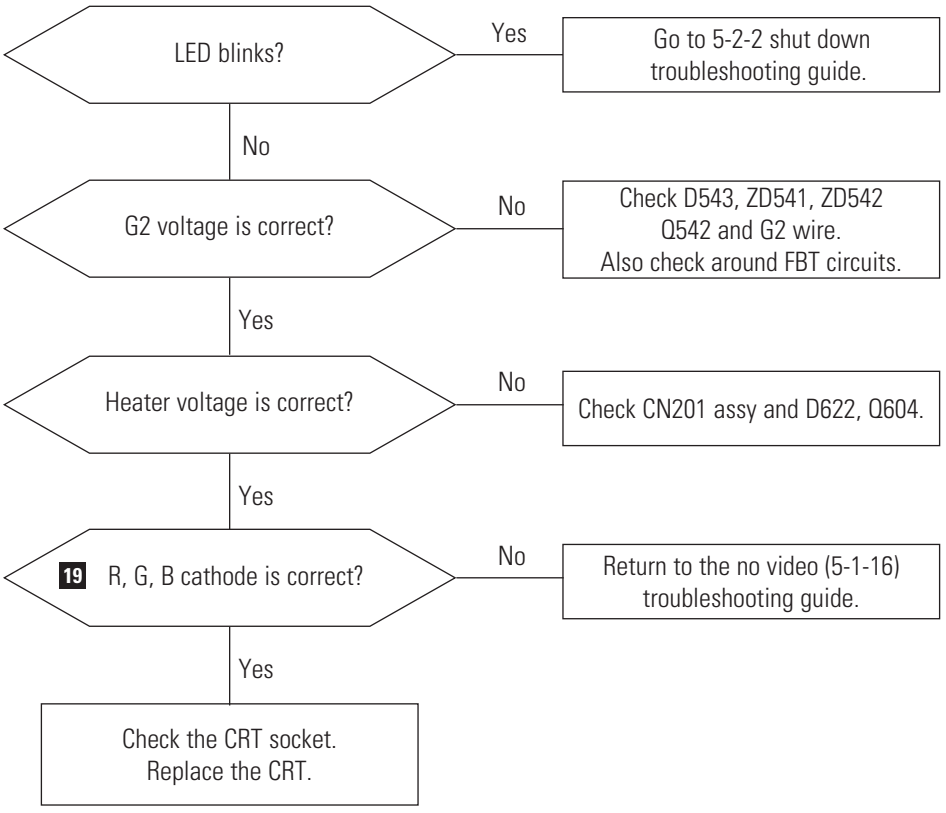


5-1-20 Degaussing Failure



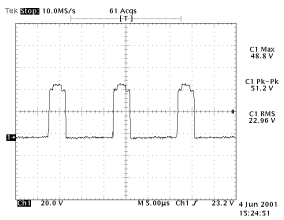
5-2 General Troubleshooting

5-2-1 No Picture

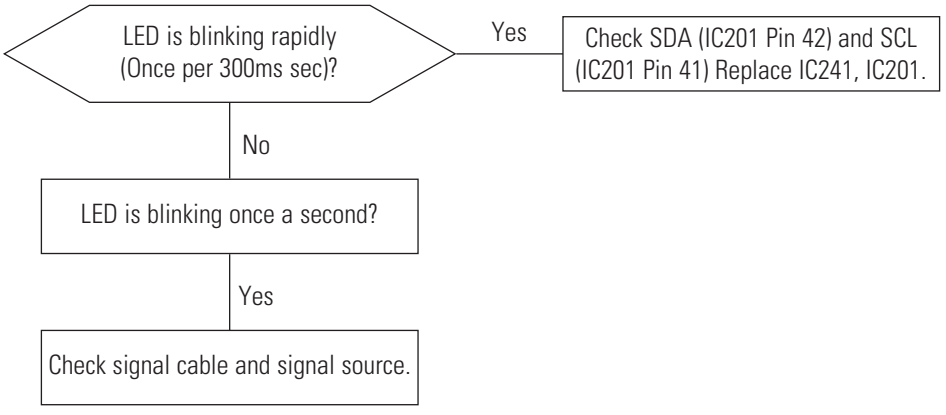


WAVEFORMS

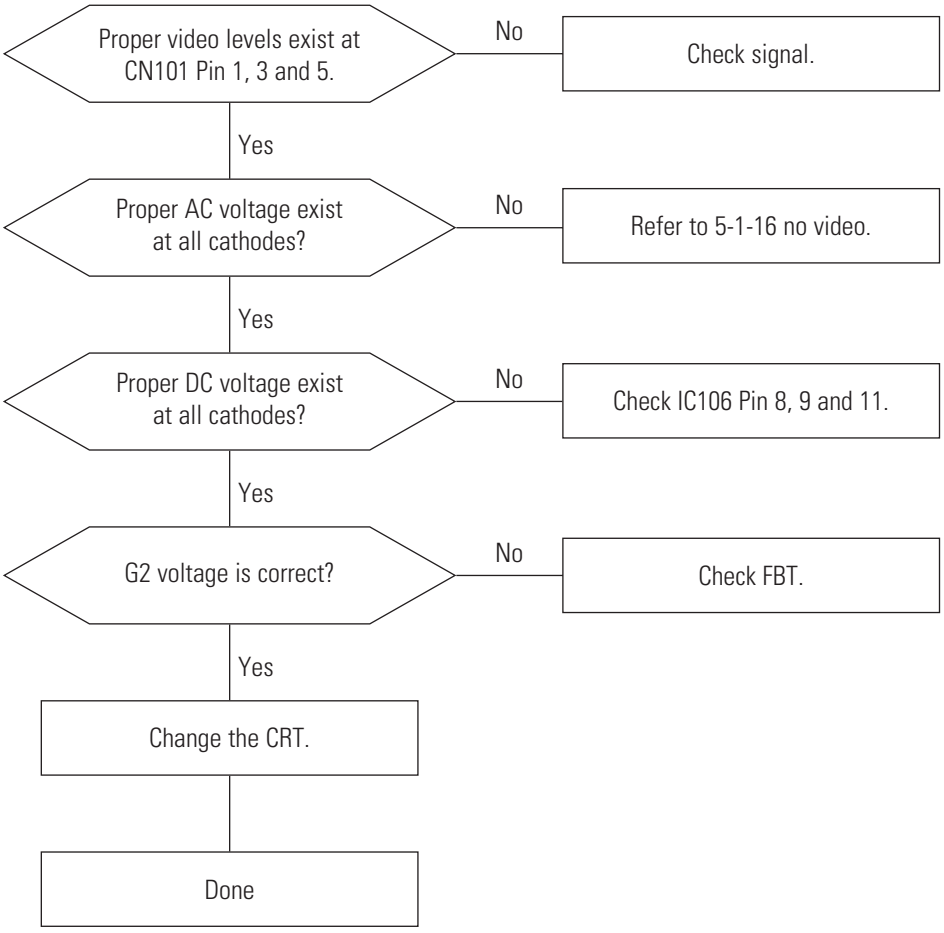
19 R, G, B, Video



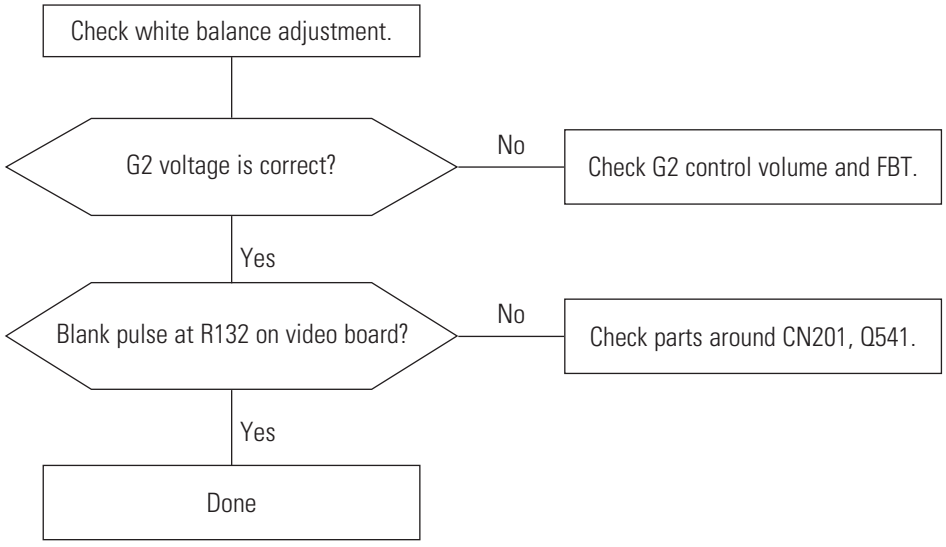
5-2-2 Shut Down


LED is blinking rapidly (Once per 300ms sec)?
Yes
Check SDA (IC201 Pin 42) and SCL (IC201 Pin 41) Replace IC241, IC201.
No
LED is blinking once a second?
Yes
Check signal cable and signal source.

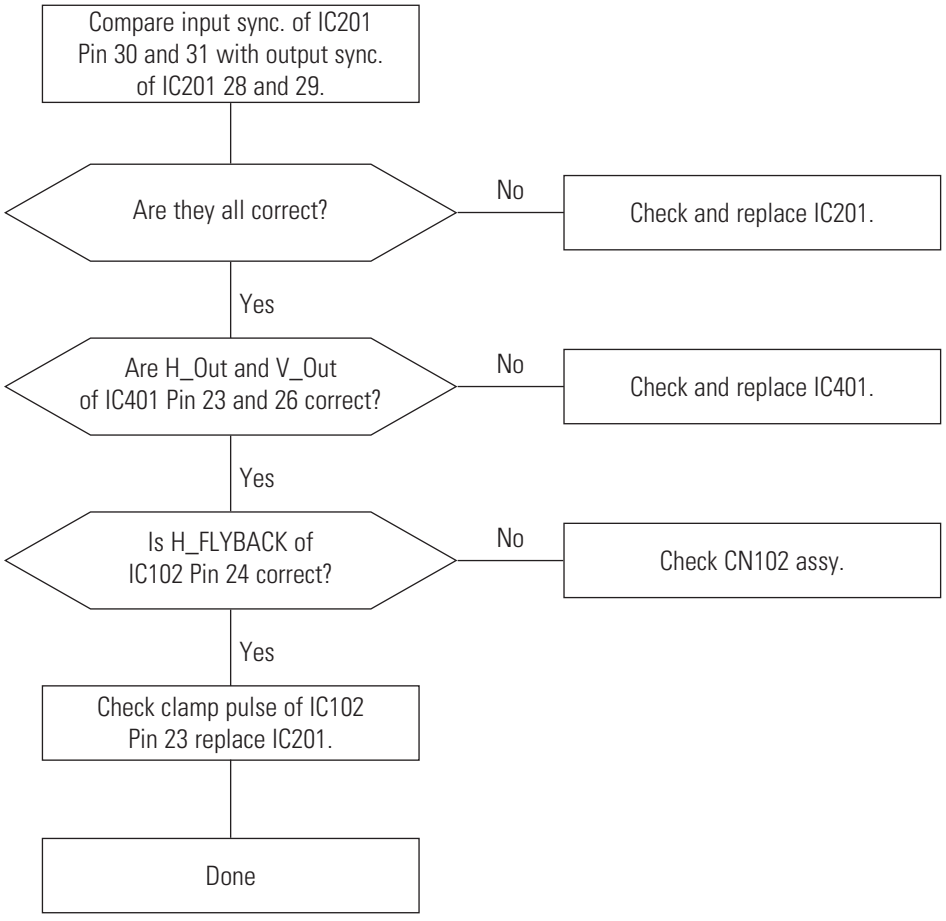
5-2-3 Missing Color



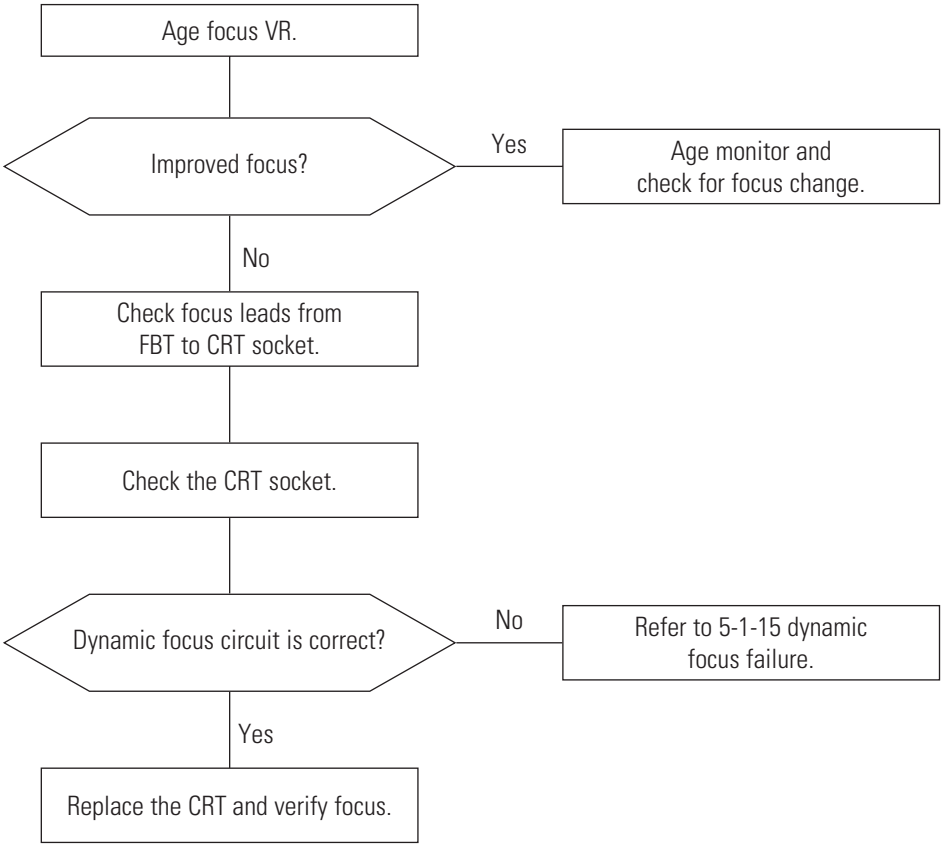
5-2-4 Visible Retrace



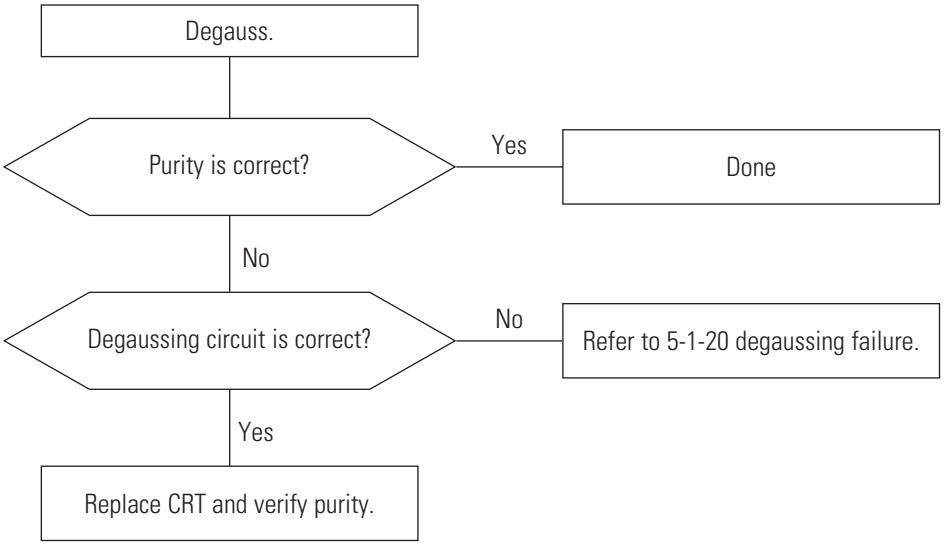
5-2-5 Unsynchronized Image


Compare input sync. of IC201 Pin 30 and 31 with output sync. of IC201 28 and 29.
Are they all correct?
No
Check and replace IC201.
Yes
Are H_Out and V_Out of IC401 Pin 23 and 26 correct?
No
Check and replace IC401.
Yes
Is H_FLYBACK of IC102 Pin 24 correct?
No
Check CN102 assy.
Yes
Check clamp pulse of IC102 Pin 23 replace IC201.
Done

5-2-6 Poor Focus



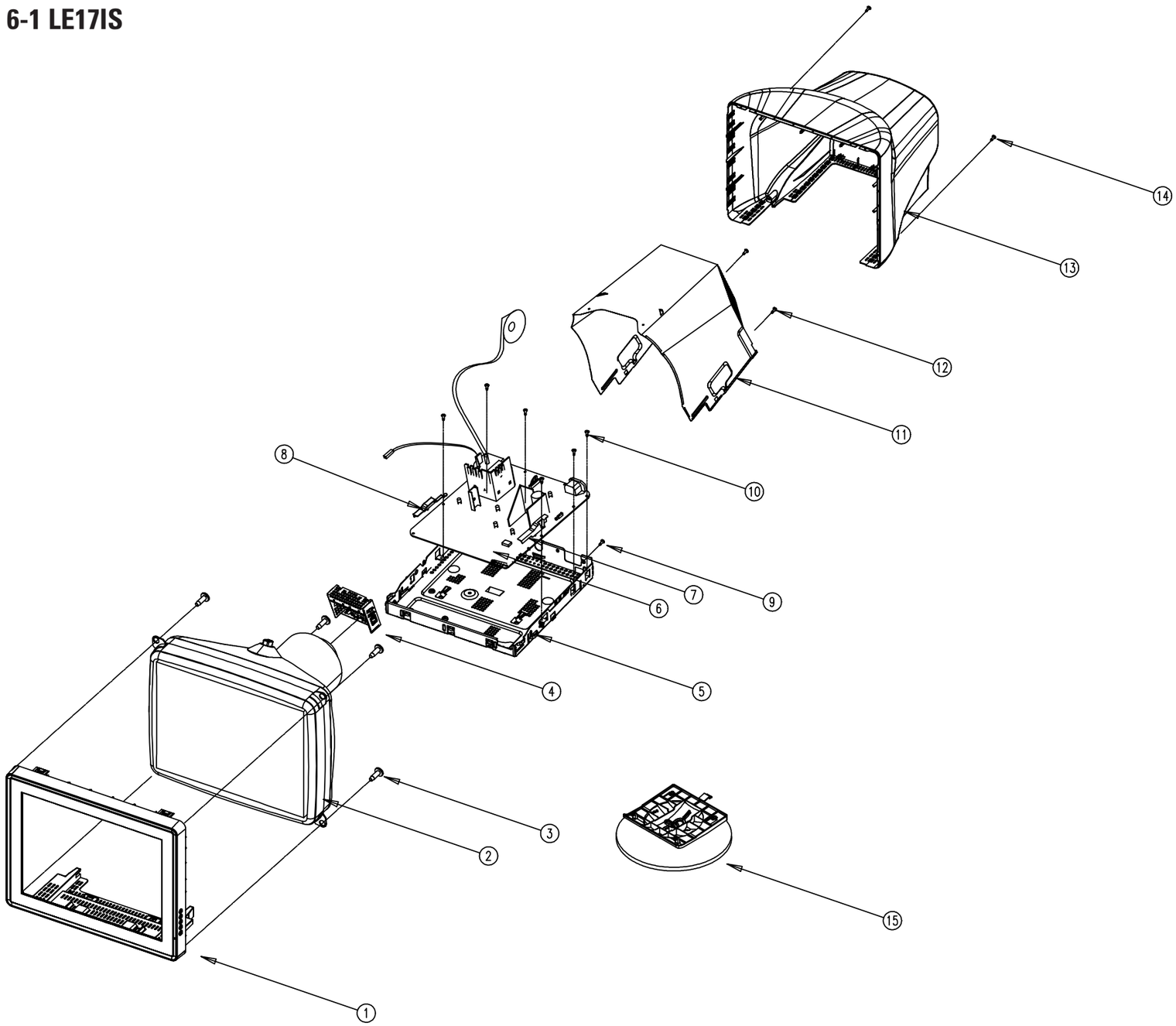
5-2-7 Purity Failure



6 Exploded View and Parts List

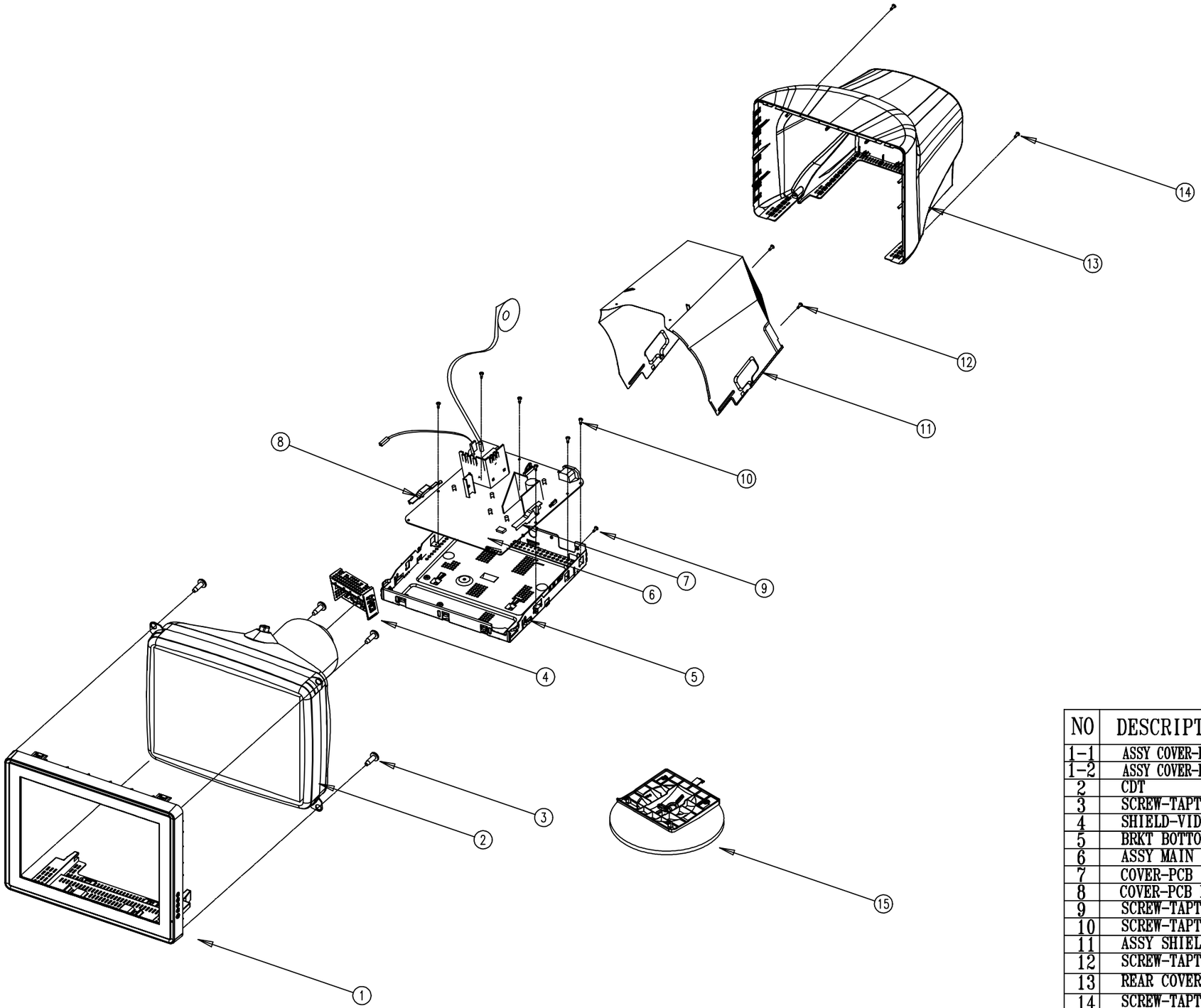
❉ You can search for updated part codes through ITSELF web site.
URL : http://itself. sec. samsung.co.kr

6-1 LE17IS



NO	DESCRIPTION	CODE-NO	SPECIFICATION	Q'TY	REMARK
1-1	ASSY COVER-FRONT	BH96-00274A	ABS HB IV16	1	SA
1-2	ASSY COVER-FRONT	BH96-00274B	ABS HB IV16	1	SA
1-3	ASSY COVER-FRONT	BH96-00274C	ABS HB IV16	1	SA
2	CDT	-	-	1	-
3	SCREW-TAPTITE	6006-001119	WC,BH,+,M5,L25,ZPC(YEL)	4	SA
4	SHIELD-VIDEO	BH63-00131A	LE17KS,SPTE,T0.2	1	SNA
5	BRKT BOTTOM	BH63-00134A	LE17KS,SECC,T1.0	1	SNA
6	ASSY MAIN PCB	-	-	1	-
7	COVER-PCB L	BH63-00144A	ABS PC IV16	1	SNA
8	COVER-PCB R	BH63-00143A	ABS PC IV16	1	SNA
9	SCREW-TAPTITE	6003-001136	BH,+,B,M4,L8,ZPC(YEL)	1	SA
10	SCREW-TAPTITE	6003-001023	RWH,+,B,M3,L10,ZPC(YEL)	6	SA
11	ASSY SHIELD-COVER	BH96-00281A	SECC T0.5,AL T0.25	1	SNA
12	SCREW-TAPTITE	6003-001023	RWH,+,B,M3,L10,ZPC(YEL)	2	SA
13	REAR COVER	BH63-00130A	ABS HB IV16	1	SNA
14	SCREW-TAPTITE	6003-000009	BH,+,B,M4,L16,ZPC(YEL)	2	SA
15	ASSY STAND	BH96-00272A	ABS HB IV16	1	SA

6-2 LE19IS/LE19IT



NO	DESCRIPTION	CODE-NO	SPECIFICATION	Q'TY	REMARK
1-1	ASSY COVER-FRONT	BH96-00278A	ABSABS HB IV16V16	1	SA
1-2	ASSY COVER-FRONT	BH96-00279A	ABS HB IV16	1	SA
2	CDT	-	-	1	-
3	SCREW-TAPTITE	6006-001119	WC,BH,+,M5,L25,ZPC(YEL)	4	SA
4	SHIELD-VIDEO	BH63-00131A	LE17KS,SPTE,T0.2	1	SNA
5	BRKT BOTTOM	BH63-00134A	LE17KS,SECC,T1.0	1	SNA
6	ASSY MAIN PCB	-	-	1	-
7	COVER-PCB L	BH63-00144A	ABS PC IV16	1	SNA
8	COVER-PCB R	BH63-00143A	ABS PC IV16	1	SNA
9	SCREW-TAPTITE	6003-001136	BH,+,B,M4,L8,ZPC(YEL)	1	SA
10	SCREW-TAPTITE	6003-001023	RWH,+,B,M3,L10,ZPC(YEL)	6	SA
11	ASSY SHIELD-COVER	BH96-00280A	SECC T0.5,AL T0.25	1	SNA
12	SCREW-TAPTITE	6003-001023	RWH,+,B,M3,L10,ZPC(YEL)	2	SA
13	REAR COVER	BH63-00137A	ABS HB IV16	1	SNA
14	SCREW-TAPTITE	6003-000009	BH,+,B,M4,L16,ZPC(YEL)	2	SA
15	ASSY STAND	BH96-00273A	ABS HB IV16	1	SA

7 Electrical Parts List

❋ You can search for updated part codes through ITSELF web site.
URL : http://itself.sec.samsung.co.kr/

7-1-1 LE17IS Main PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
0	LE17ISBB/EDC				
1	ST-LE17ISBB/EDC	-	1	SDI,HIGH-CON(DF-T)	-
3	BH94-00976C	-	ASSY PCB MAIN-ST	LE17IS	SNA
4	2306-000147	C414	C-FILM,LEAD-PPF	1uF,5%,250V,BK,26x24x15,22.5mm	SA
4	2306-000263	C452	C-FILM,LEAD-PPF	770nF,5%,250V,BK,26x21.5x13.5,	SA
4	2301-001195	C601	C-FILM,LEAD-PPF	150nF,10%,275VAC,BK,26x16.5x7,	SA
4	2301-001195	C602	C-FILM,LEAD-PPF	150nF,10%,275VAC,BK,26x16.5x7,	SA
4	2401-003619	C605	C-AL	270uF,20%,450V,GP,BK,25.4x50mm,10	SA
4	BH63-00134A	CIS1	SHIELD-BOTTOM	LE17KS,SECC,T1.0	SNA
4	BH63-00124A	CIS2	SHIELD-IC	LE17KS,SPTE,T0.2	SNA
4	BH63-00143A	CIS3	COVER-PCB R	LE17KS,ABS PC,IV16	SNA
4	BH63-00144A	CIS4	COVER-PCB L	LE17KS,ABS PC,IV16	SNA
4	BH68-00001A	CIS40	LABEL-MARK CDT	ART-PAPER100G,-,WHT,BLK,-,ALL,CDT	SNA
4	0204-002426	CIS6	FLUX	DF-201TVS,MIX,0.820,FLUX13%,14KG,-	SNA
4	0204-002420	CIS7	SOLVENT	1M-1000,C3H70H,96,-,-	SNA
4	3711-003895	CN201	CONNECTOR-HEADER	BOX,13P,1R,2mm,STRAIGHT,SN	SA
4	3711-003843	CN202	CONNECTOR-HEADER	BOX,8P,1R,2mm,STRAIGHT,SN	SA
4	3711-004484	CN203	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
4	3711-000197	CN321	CONNECTOR-HEADER	1WALL,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-005055	CN401	CONNECTOR-HEADER	1WALL,4P,1R,10MM/8.0MM,STRAIGHT,SN-PB,WHT	SA
4	3721-001053	CN601	PLUG-AC POWER	3P,-,-,NI	SNA
4	3301-000130	CORE_1	CORE-FERRITE	AC,23.5x9.4x12.6mm,1500,2800G	SNA
4	3301-001264	CORE_2	CORE-FERRITE	AC,18.2X9.7X28.2MM,1500,2800GAUSS	SNA
4	0402-001441	D403	DIODE-RECTIFIER	-,40V,3A,DO-201AD,BK	SA
4	0402-001295	D505	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	SA
4	0402-001295	D507	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	SA
4	0402-001227	D601	DIODE-BRIDGE	D3SBA60,600V,2.3A,SIP-4,BK	SA
4	0402-000005	D626	DIODE-RECTIFIER	31DF4,400V,3A,DO-201AD,BK	SA
4	6003-000122	FBT+H/S	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(YEL),SWRCH18	SNA
4	3601-001303	FH1	FUSE-RADIAL LEAD	250V,4A,TIME-LAG,CERAMIC,5X20MM	SA
4	6502-000127	HS601_CLAMP1	CABLE CLAMP	DAWH-18NB,ID15,-,NYLON66,NTR	SNA
4	6502-001058	HS601_CLMAP2	CABLE CLAMP	DAWH-50N,ID16.6,-,NYLON6/6,NTR	SNA
4	3704-001071	IC201_SOCKET	SOCKET-IC	42P,DIP,SN,1.778mm	SA
4	1204-002259	IC401	IC-DEF. PROCESSOR	STV9118,SDIP,32P,27.94x8.89mm,PLASTIC,13.2V,-,0to+70C,ST,IC-DEF. PROCESSOR	SNA
4	1203-003240	IC621	IC-POSI.FIXED REG.	L78M05,IPAK,3P,6.5x6.1mm,PLASTIC,4.75/5.25V,-,0to+150C,0.5A,-,ST	SA
4	1203-000165	IC622	IC-POSI.ADJUST REG.	78R12,TO-220,4P,-,PLASTIC,11.7/12.3V,1.5W,-20TO+80C,1A,-,ST	SA
4	BH27-00134A	L411	COIL CHOKE	100UH,CDTMO,100UH,10%,0.20HM,5.0A,AR8X25,60.5TS,18X40MM,11MM,USTC0.12X20,TR,-10C	SA
4	BH27-00150A	L441	COIL LINEARITY	HL-1527C,5.2uH,YL8115X27.5,11mm,18x17x55mm,15©™%6.5t°æ0.5t;22T/100DT,BK,20%,0.0	⚠ SNA
4	BH27-00061A	L601	COIL FILTER	-,33.0mH,0.1ohm,72Ts,28.*28,-,BK,SQE-2828,3A,-,-	SA
4	6003-001023	M/PCB+SH/BTM	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
4	0505-001689	Q401	FET-SILICON	IRFU210B,N,200V,2.7A,1.5OHM,2.5W,I-PAK	SA
4	0505-001689	Q561	FET-SILICON	IRFU210B,N,200V,2.7A,1.5OHM,2.5W,I-PAK	SA
4	2005-001163	R409	R-WIRE WOUND,NON	0.68ohm,1%,3W,AA,TP,5.5x15mm	SA
4	2003-000695	R414	R-METAL OXIDE(S)	430ohm,5%,3W,AA,TP,6x16mm	SA
4	3501-001111	RL601	RELAY-POWER	12VDC,250MW,5000MA,1FORMA,15MS,5MS	SA
4	6003-000133	SH/BTM+AC/SOCK	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(YEL),SWRCH18A,-	SNA
4	BH39-00453A	SIGNAL_CABLE	CBF SIGNAL	LE19IS,15P/06P,08P,20276-N1,1830mm,UL20276,BLACK,D-SUB/MALE,AWG28/30,30V,ATT. TY	SNA
4	BH26-00090B	T401	TRANS HORIZ.DRIVE	EI-1916,AN19J,7P,35.0MH,185TS/13TS/95TS,73.0UH,7.5/0.05OHM,PL3,EI-1916,170UH MAX	⚠ SA
4	BH26-00158A	T411	TRANS-H PULSE	EI-2820,AN19IS,10P,500uH,,,0.35uH,,,1.00/0.030,,PL3,DMR30,EI-2820,300uH,23*29.5*	SA
4	BH26-00084A	T501	TRANS FBT	FQM19A005,PS17N0,122UH,SM19C,FUR3757SU,113.2MOHM,80,14P,-10~+60,BK,27KV	⚠ SA
4	BH26-00086A	T561	TRANS-FOCUS	EE1916,5P,2.0MH MIN,290MH MIN,0.85OHM/32.0OHM,EE1916(PL3,SL-2),EE19*16,23.0UH MA	⚠ SA
4	BH26-00172B	T601	TRANS SWITCHING	EER3942,LE17IS,90~264V,PL3,PM2A,ER-3942,290uH,49uH	-
4	BH26-00163A	T602	TRANS	UU-1116,CU17K,5,18mH min,18mH min,2.7ohm MAX,10 ~ 55,FERRITE,UU-1116 SB-5S	SA
4	1404-001264	TH601	THERMISTOR-PTC	4.5OHM,+30/-20%,220V,290VAC,21A,-,TR	SA
4	1404-001020	TH602	THERMISTOR-NTC	8ohm,15%,-,17mW/C,BK	SA
4	BH96-00285B	HS490	ASSY HEAT SINK P	BH62-00055A,SPRING,J6920,DTV1500HFP,2SK2761,OIL SILICON	SNA
4	BH97-00505C	MICOM	ASSY MICOM	LE19IS	SA
5	0903-001194	IC201	IC-MICROCONTROLLER	3P863,8Bit,SDIP,42P,600MIL,12MHz,ST,CMOS,PLASTIC,5V,-,-40to+85C,1040BYTE,48KBYTE	SNA
5	BH82-00020J	CIS	A/S MICOM	LE19IS	SNA

Level	Loc. No.	CodeNo.	Description	Specification	Remarks
4	BH97-00508C	-	ASSY AUTO-(MAIN)ST	LE17IS	SNA
5	3301-000011	BD201	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD202	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD203	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD402	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD411	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD412	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD431	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD501	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-001450	BD601	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	2201-000119	C201	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-000050	C202	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	SA
5	2201-000389	C203	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2201-000389	C204	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2201-000144	C205	C-CERAMIC,DISC	0.1NF,5%,50V,C0G,TP,8.5X3MM,5	SA
5	2201-000017	C206	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	2201-000374	C207	C-CERAMIC,DISC	0.22NF,5%,50V,C0G,TP,10.5X3MM,5	SA
5	2401-000603	C208	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C209	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C210	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C211	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2201-000389	C212	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2401-002075	C260	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	SA
5	2401-002463	C301	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2301-000174	C302	C-FILM,LEAD-PEF	15nF,5%,100V,TP,7.2x4.0x7.5mm,	SA
5	2301-000148	C303	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2401-000852	C304	C-AL	220uF,20%,35V,GP,TP,8x11.5mm,5	SA
5	2305-000004	C305	C-FILM,LEAD-PEF	220nF,10%,100V,TP,12.7x16,5mm	SA
5	2301-000010	C306	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-002463	C307	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2401-001914	C309	C-AL	1uF,20%,50V,BP,TP,5x11,5	SA
5	2301-000148	C310	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2301-000188	C312	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2201-000119	C321	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-000025	C322	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2301-000168	C331	C-FILM,LEAD-PEF	150nF,5%,100V,TP,11.5x19mm,7.5	SA
5	2305-000237	C332	C-FILM,LEAD-PEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	SA
5	2401-000031	C333	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2401-000050	C401	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	SA
5	2401-001218	C402	C-AL	4.7uF,20%,100V,WT,TP,5x11,5	SA
5	2301-000010	C403	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2301-000020	C404	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA
5	2301-001441	C405	C-FILM,LEAD-PPF	2nF,3%,1.6kV,TP,20x2.5x11mm,7.5	⚠ SA
5	2309-000106	C406	C-FILM,LEAD-OTHER	2.2nF,5%,1.6KV,TP,23x16x9,7.5m	⚠ SA
5	2401-003826	C411	C-AL	220UF,20%,63V,LR,TP,10X25MM,5	SA
5	2201-000285	C412	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2201-000012	C413	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000003	C415	C-CERAMIC,DISC	0.068NF,10%,2KV,SL,TP,7X5MM,5	SA
5	2201-000732	C417	C-CERAMIC,DISC	0.68NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2401-002463	C431	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2305-000665	C432	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2301-000148	C433	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2202-000573	C434	C-CERAMIC,MLC-RADIAL	0.82NF,5%,50V,C0G,TP,5.1X3.2X5.1MM,5	SA
5	2301-000020	C435	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA
5	2401-002075	C436	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	SA
5	2401-000603	C437	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000031	C438	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2301-000188	C439	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2301-000004	C440	C-FILM,LEAD-PEF	2.2nF,5%,100V,TP,5.5X10X2.9,5m	SA
5	2301-000106	C441	C-FILM,LEAD-PEF	1.5nF,0.05,100V,TP,10.5*12.5*6	SA
5	2301-000016	C442	C-FILM,LEAD-PEF	22nF,5%,100V,TP,7.2x4.5x9.0mm,	SA
5	2301-000168	C443	C-FILM,LEAD-PEF	150nF,5%,100V,TP,11.5x19mm,7.5	SA
5	2301-000188	C444	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2301-001249	C451	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2306-000197	C453	C-FILM,LEAD-PPF	390nF,5%,250V,TP,20*19*12,7.5m	SA
5	2306-000131	C454	C-FILM,LEAD-PPF	150nF,5%,250V,TP,19x16x7.5,7.5	SA
5	2301-001249	C455	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2301-001067	C456	C-FILM,LEAD-PPF	82nF,5%,400V,TP,19x15.5x7,7.5	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2301-001249	C457	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2201-000291	C458	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,7.5X3.5MM,5	SA
5	2401-000603	C459	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2202-000654	C460	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	SA
5	2301-000294	C501	C-FILM,LEAD-PEF	56nF,5%,100V,TP,9.5x12.5mm,5mm	SA
5	2301-000013	C502	C-FILM,LEAD-PEF	4.7nF,5%,100V,TP,10.5x12.5x6.5	SA
5	2301-000312	C503	C-FILM,LEAD-PEF	8.2nF,5%,100V,TP,6x12.5mm,5mm	SA
5	2401-000025	C504	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2201-000163	C505	C-CERAMIC,DISC	10NF,+80-20%,50V,Y5V,TP,7X3MM,2.5	SA
5	2305-000237	C506	C-FILM,LEAD-PEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	SA
5	2202-000654	C507	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	SA
5	2401-000025	C508	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000025	C509	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2305-000412	C510	C-FILM,LEAD-PEF	470nF,5%,63V,TP,-,5mm	SA
5	2303-000102	C511	C-FILM,LEAD-PEF	1.2nF,5%,1.6KV,TP,23*16*7.5,7.	SA
5	2201-000012	C512	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2401-000058	C513	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2401-000031	C521	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2202-002009	C530	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-000638	C531	C-AL	2.2uF,20%,350V,WT,TP,10x12.5mm	SA
5	2401-001576	C532	C-AL	47uF,20%,50V,GP,TP,8x11.5,5	SA
5	2401-002267	C533	C-AL	2.2uF,20%,250V,GP,TP,8x11.5,5	SA
5	2301-000213	C534	C-FILM,LEAD-PEF	220nF,5%,250V,TP,21.5x11,7.5	SA
5	2301-001480	C535	C-FILM,LEAD-PEF	2000NF,5%,100V,TP,17X16.5X9.5,7.5	SA
5	2401-001026	C536	C-AL	3.3UF,20%,50V,GP,TP,5X11,5	SA
5	2401-002300	C537	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	SA
5	2305-000428	C541	C-FILM,LEAD-PEF	47nF,5%,250V,TP,11x9x4.5,5mm	SA
5	2401-000480	C551	C-AL	10uF,20%,50V,GP,TP,5x11,5	SA
5	2201-000129	C552	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000285	C561	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2201-000285	C562	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2306-001011	C563	C-FILM,LEAD-PPF	56nF,5%,250V,TP,19x7.5x14.5,7.	SA
5	2301-000016	C564	C-FILM,LEAD-PEF	22nF,5%,100V,TP,7.2x4.5x9.0mm,	SA
5	2301-000174	C565	C-FILM,LEAD-PEF	15nF,5%,100V,TP,7.2x4.0x7.5mm,	SA
5	2201-000023	C603	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2201-000023	C604	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2401-000970	C606	C-AL	22uF,20%,50V,WT,TP,5x11,5	SA
5	2202-002009	C607	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000325	C608	C-CERAMIC,DISC	2.2NF,10%,500V,Y5P,TP,9.5X4MM,5	SA
5	2201-000129	C609	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000017	C610	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	2401-000611	C611	C-AL	1uF,20%,50V,WT,TP,5x11,5	SA
5	2305-000149	C613	C-FILM,LEAD-PEF	100nF,5%,100V,TP,12x12.5x6.5,5	SA
5	2301-000284	C614	C-FILM,LEAD-PEF	47nF,5%,100V,TP,8.5x12.5mm,5mm	SA
5	2401-001585	C615	C-AL	47uF,20%,50V,WT,TP,8x11.5,5	SA
5	2202-002009	C616	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000023	C617	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2401-000015	C618	C-AL	33uF,20%,50V,WT,-,6.3x11mm,2.5	SA
5	2201-000291	C619	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,7.5X3.5MM,5	SA
5	2305-000178	C621	C-FILM,LEAD-PEF	10nF,5%,100V,TP,-,5mm	SA
5	2401-000039	C622	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000025	C623	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000010	C624	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000010	C625	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000010	C626	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000039	C627	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000058	C628	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2401-003826	C629	C-AL	220UF,20%,63V,LR,TP,10X25MM,5	SA
5	2201-000732	C630	C-CERAMIC,DISC	0.68NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2401-000039	C631	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000058	C633	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2201-000017	C634	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	0203-001600	CIS10	TAPE-PAPER	#53128,0.15,5.5,2000M,BEIGE	SNA
5	0203-001599	CIS9	TAPE-KRAFT	#53110,0.1,6,2000M,BRN	SNA
5	BH71-40300A	CN420	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	CN421	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	3711-000217	CN602	CONNECTOR-HEADER	1WALL,2P,1R,7.92MM,STRAIGHT,SN,NTR	SA
5	0401-000005	D201	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D251	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	0401-000005	D252	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000274	D301	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000005	D401	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D402	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001118	D411	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AC,TP	SA
5	0402-000274	D412	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000004	D441	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0402-000274	D451	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000005	D501	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D502	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D504	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D506	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D508	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D509	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000274	D510	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000012	D531	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000274	D532	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000017	D533	DIODE-RECTIFIER	RGP02-12,1.2KV,0.5A,DO-204AL,TP	SA
5	0401-000005	D541	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001114	D542	DIODE-RECTIFIER	1N4936GP,400V,1A,DO-201AD,TP	SA
5	0402-000546	D543	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	D544	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D551	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000012	D603	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000012	D604	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000546	D605	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	D606	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	D607	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D608	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D621	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001194	D622	DIODE-RECTIFIER	UG2D,200V,2A,-,TP	SA
5	0402-000274	D623	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000274	D624	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-001194	D627	DIODE-RECTIFIER	UG2D,200V,2A,-,TP	SA
5	0402-001118	D628	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AC,TP	SA
5	6042-000001	EY301	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY302	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY401	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY402	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY403	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY404	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY405	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY411	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY415	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY422	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY423	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY454	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY455	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY501	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY502	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY503	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY504	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY505	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY506	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY507	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY601	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY602	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY603	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY604	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY605	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY606	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY607	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY608	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY621	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY622	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY623	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	BH71-40300A	GT401	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT402	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT601	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	BH71-40300A	GT602	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	1103-001150	IC241	IC-EEPROM	24C081,1Kx8,DIP,8P,9.2x6.4mm,2.7/5.5V,-25to+70C	SA
5	1203-000610	IC501	IC-PWM CONTROLLER	494,DIP,16P,300MIL,PLASTIC,40V,1W,0TO+70C,250MA,4.75/5.25V,ST	SA
5	BH39-40305U	JP_DHH	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP1	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP10	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP11	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP12	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP13	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP14	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP15	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP16	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP17	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP18	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP19	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP20	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP21	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP22	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP23	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP24	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP25	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP26	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP27	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP28	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP29	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP3	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP30	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP31	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP32	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP33	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP34	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP35	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP36	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP37	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP38	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP39	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP4	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP40	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP41	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP42	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP43	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP44	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP45	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP46	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP47	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP48	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP49	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP5	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP50	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP51	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP52	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP53	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP54	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP57	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP58	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP60	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP61	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP62	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP63	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP64	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP65	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP66	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP67	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP68	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP69	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP7	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP70	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP71	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP72	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	BH39-40305U	JP73	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP74	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP75	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP76	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP77	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP78	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP79	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP8	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP80	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP82	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP83	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP9	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2701-000189	L218	INDUCTOR-AXIAL	0.47UH,10%,2534	SA
5	2701-000116	L501	INDUCTOR-AXIAL	10UH,10%,4298	SA
5	BH41-00270A	MP1.0	PCB MAIN	LE19IS,FR-1,1,1.0,1.6T,247*247,LE19,MAIN	SNA
5	0501-000122	Q321	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000581	Q322	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	SA
5	0501-000586	Q323	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q403	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000303	Q404	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q411	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000303	Q412	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q455	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q456	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q457	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q458	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000404	Q459	TR-SMALL SIGNAL	KSD1616-Y,NPN,750mW,TO-92,TP,135-270	SA
5	0501-000122	Q502	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000581	Q503	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	SA
5	0501-000122	Q523	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000586	Q541	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000143	Q542	TR-SMALL SIGNAL	2N6520,PNP,625mW,TO-92,TP,30-200	SA
5	0501-000413	Q551	TR-SMALL SIGNAL	KSP44,NPN,625mW,TO-92,TP,50-200	SA
5	0501-000122	Q601	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000404	Q604	TR-SMALL SIGNAL	KSD1616-Y,NPN,750mW,TO-92,TP,135-270	SA
5	0501-000010	Q621	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	SA
5	0501-000586	Q622	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q624	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000321	Q625	TR-SMALL SIGNAL	KSB1116-Y,PNP,750mW,TO-92,TP,135-270	SA
5	2001-000429	R201	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R202	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R203	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R204	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R205	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R206	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000800	R207	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000739	R208	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R209	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R210	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R211	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R212	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R213	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R214	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R215	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000006	R216	R-CARBON	2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000006	R217	R-CARBON	2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000793	R218	R-CARBON	47OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R219	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R220	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R221	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R222	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R223	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R224	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R227	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000435	R228	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000435	R229	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R230	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000554	R231	R-CARBON	270OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000869	R232	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2001-000869	R233	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R234	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R235	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R236	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R241	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R242	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R243	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R244	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000977	R301	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-000216	R302	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000616	R304	R-METAL	24Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-001078	R305	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001005	R306	R-METAL	5.1Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-004038	R307	R-METAL	4.3Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-004231	R308	R-METAL(S)	2.4OHM,1%,1/2W,AA,TP,3.3X9MM	SA
5	2004-001391	R309	R-METAL(S)	2.2ohm,1%,1/2W,AA,TP,2.4x6.4mm	SA
5	2001-000037	R310	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000290	R311	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001053	R312	R-CARBON(S)	1.5OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000977	R313	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R321	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R322	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000302	R323	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000864	R324	R-CARBON	56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000042	R325	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000281	R326	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001079	R327	R-CARBON(S)	15OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001079	R328	R-CARBON(S)	15OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000319	R401	R-CARBON	120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000221	R402	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000221	R403	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000490	R404	R-CARBON	200OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000739	R405	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000052	R406	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001078	R407	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000505	R408	R-METAL OXIDE(S)	150ohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000763	R410	R-METAL OXIDE(S)	6.8ohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000468	R411	R-METAL OXIDE(S)	10ohm,5%,1W,AA,TP,3.3x9mm	SA
5	2001-000008	R412	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000005	R413	R-METAL OXIDE(S)	1ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000107	R415	R-CARBON(S)	150KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001118	R431	R-METAL	5Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000449	R432	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-004367	R433	R-METAL	90Kohm,1%,1/4W,AA,TP,6.2x2.6mm	SA
5	2001-000449	R434	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000010	R435	R-CARBON	68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000356	R436	R-CARBON	150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001230	R437	R-METAL	75Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000657	R438	R-METAL	27Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000412	R439	R-METAL	18Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000890	R440	R-CARBON	6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000577	R441	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000009	R442	R-CARBON	20KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R451	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R452	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R453	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R454	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R455	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R456	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R457	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R458	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R459	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R460	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R461	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R462	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000450	R463	R-METAL OXIDE(S)	100Kohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000541	R464	R-METAL OXIDE(S)	1Kohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000671	R465	R-METAL OXIDE(S)	390ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000290	R467	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2003-000514	R468	R-METAL OXIDE(S)	15ohm,5%,2W,AA,TP,4x12mm	SA
5	BH39-40305U	R469	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2001-000241	R501	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R502	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000812	R503	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000689	R504	R-CARBON	390KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000786	R505	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R506	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R507	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R509	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000241	R510	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001153	R511	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001144	R512	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2005-001172	R513	R-WIRE WOUND,NON	0.6ohm,5%,3W,AA,TP,5.5x15mm	SA
5	2003-000432	R515	R-METAL OXIDE(S)	1.5Kohm,5%,3W,AA,TP,6x16mm	SA
5	2004-001005	R516	R-METAL	5.1Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2001-000878	R520	R-CARBON	6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000800	R521	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001136	R522	R-METAL	6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2001-000734	R523	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001298	R526	R-METAL	82Kohm,2%,1/4W,AA,TP,2.4x6.4mm	⚠ SA
5	2001-000429	R530	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000073	R531	R-CARBON	33KOHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2004-000781	R532	R-METAL	330Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2004-000560	R533	R-METAL	220Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2001-000800	R534	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-000252	R535	R-METAL	11Kohm,1%,1/4W,AA,TP,2.4x6.4mm	⚠ SA
5	2001-000591	R541	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R542	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2002-001091	R543	R-COMPOSITION	270KOHM,5%,1/2W,AA,TP,3X9MM	SA
5	2002-001062	R544	R-COMPOSITION	150Kohm,2%,1/2W,AA,TP,3.9x9mm	SA
5	2002-000121	R545	R-COMPOSITION	1Mohm,10%,1/2W,AA,TP,3.5x9.5mm	SA
5	2001-000734	R550	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R551	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R553	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R554	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R555	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2002-001079	R556	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	SA
5	2002-001079	R557	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	SA
5	2001-000114	R558	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000114	R559	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000514	R561	R-METAL OXIDE(S)	15ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000221	R562	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	R601	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001129	R602	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000738	R603	R-METAL OXIDE(S)	56Kohm,5%,2W,AA,TP,4x12mm	SA
5	2003-000014	R604	R-METAL OXIDE(S)	10Kohm,5%,3W,AA,TP,6x16mm	SA
5	2002-001103	R605	R-COMPOSITION	300Kohm,5%,1/2W,AA,TP,3.7x10.0mm	SA
5	2002-001103	R606	R-COMPOSITION	300Kohm,5%,1/2W,AA,TP,3.7x10.0mm	SA
5	2001-001116	R607	R-CARBON(S)	27OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000734	R608	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000780	R609	R-CARBON	470OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R610	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	BH39-40305U	R611	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2001-000023	R621	R-CARBON	47OHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000027	R622	R-CARBON	100OHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000613	R623	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000857	R624	R-CARBON	560OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R626	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R627	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000472	R628	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000786	R629	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000473	R631	R-METAL OXIDE(S)	10ohm,5%,3W,AA,TP,6x16mm	SA
5	2001-001108	R632	R-CARBON(S)	22KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000613	R634	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	4715-001055	SK531	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
5	6042-000002	TP501	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	2801-000006	X201	CRYSTAL-UNIT	12MHz,50ppm,28-AAM,S,35ohm,BK	SA
5	0403-001327	ZD201	DIODE-ZENER	MTZJ18A,16.22-17.06V,500MW,DO-34,TP	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	0403-001068	ZD202	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA
5	0403-000361	ZD221	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD222	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD223	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD224	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD225	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD501	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-001167	ZD541	DIODE-ZENER	MTZJ30D,29.02-30.51V,500MW,DO-34,TP	SA
5	BH39-40305U	ZD542	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	0403-001068	ZD543	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA
5	0403-001221	ZD601	DIODE-ZENER	UZ39BSB,35.36-37.19V,500MW,DO-34,TP	SA
5	0403-000361	ZD602	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
4	BH99-00030F	HS422	ASSY HEAT/SINK	HS TR,SCREW+NUT,IRFS630B(4),OIL SILICON	SNA
5	0205-001154	CIS	OIL-SILICON	G746,-,-	SNA
5	0505-001716	CIS	FET-SILICON	IRFS630B,N,200V,9A,0.4OHM,38W,TO-220F	SA
5	6006-001008	CIS	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
5	6021-000118	CIS	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
5	BH62-00044A	CIS	HEAT SINK-TR	AQ19FS,A1050S,T2.0,20,55,-,-,-	SNA
4	BH99-10019H	HS411	ASSY HEAT/SINK	H/S TR,SCREW+NUT,IRF634A,-,-,OIL SILICON,-,-	SNA
5	0205-001154	CIS	OIL-SILICON	G746,-,-	SNA
5	0505-001181	CIS	FET-SILICON	IRF634A,N,250V,8.1A,450mohm,74	SA
5	6006-001008	CIS	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
5	6021-000118	CIS	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
5	BH62-30024B	CIS	HEAT SINK-IC	SPC-1,T1,SN COATING,-	SNA
4	BP96-00065B	HS301	ASSY HEAT SINK P	BH62-00003B,SCREW,STV9325,OIL SILICON	SNA
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	1204-002262	H/S	IC-VERTICAL DEF.	STV9325,HEPTAWATT,7P,15.45x10.22mm,PLASTIC,35V,-,-40to+150C,ST,IC-VERTICAL DEF.	SNA
5	6003-000334	H/S	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	SNA
5	BH62-00003B	H/S	HEAT SINK-VERT	A1050S,T1.0,T1.0,-,DA,DB	SNA
4	BP96-00075D	HS601	ASSY HEAT SINK P	BH62-00052A,SPRING,8SA0965,SILICON RUBBER	SNA
5	BH13-00049A	H/S	IC HYBRID	FS8S0965RCB(DP906C),LE19IS,5,-25 to 85,TO-220(FORMING),35,ST	SA
5	BH61-00004A	H/S	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,T0.5,-,-,-	SNA
5	BH62-00052A	H/S	HEAT SINK-POWER	M782,A1050S,T1.0,W25,L55,-,BH62,-	SNA
5	BH62-20001B	H/S	TUBE-RUBBER	CSQ4357,W25*L20*T0.45,-,-,-,-	SNA

7-1-2 LE17IS Video PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
3	BH94-00978A	-	ASSY PCB VIDEO-ST	LE19IS	SNA
4	6003-001023	-	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
4	BH39-00386A	CIS	CBF-GROUND ASS'Y	MS17J0,8*0.16*16TA,1P/2P,80MM,35750-1010,EARTH PLATE CLIP,BK,8*0.16*16TA	SA
4	BH63-00131A	CIS1	SHIELD-VIDEO	LE17KS,SPTE,T0.2	SNA
4	0204-002426	CIS3	FLUX	DF-201TVS,MIX,0.820,FLUX13%,14KG,-	SNA
4	0204-002420	CIS4	SOLVENT	1M-1000,C3H70H,96,-,-	SNA
4	BH68-00001A	CIS40	LABEL-MARK CDT	ART-PAPER100G,-,WHT,BLK,-,ALL,CDT	SNA
4	3711-004236	CN101	CONNECTOR-HEADER	BOX,6P,1R,2MM,STRAIGHT,SN	SNA
4	BH39-00015A	CN102	CBF-HARNESS	13P/14P,200MM,WHT/BLK/RED/BLU,UL1007,AWG26,SMH200-13/YBNH200-14	SA
4	BH13-00050A	IC102	IC HYBRID	NT6813K-30031,NT6813K-30031,24P,-55 to +150,240mA,-0.5 to 6V,ST	SA
4	3704-001203	SK101	SOCKET-CRT	9P,29PI,22.5PI,NI+SN,-	SNA
4	BH96-00283B	HS106	ASSY HEAT SINK P	BH62-00054A,SCREW,LM2463,OIL SILICON	SNA
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	1201-002116	H/S	IC-VIDEO AMP	LM2463,TO-220,11P,17.5x20.01mm,-,-20,PLASTIC,100V,-,0to70C,-,-,-,-,-,ST	SA
5	6003-000334	H/S	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	SNA
5	BH62-00054A	H/S	HEAT SINK-PS	LEO,A1050S,2.0,112,25	SNA
4	BH97-00510A	-	ASSY AUTO-(VIDEO)ST	LE19IS	SNA
5	3301-001450	BD101	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	3301-001450	BD102	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001450	BD104	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001660	BD105	BEAD-RADIAL	100OHM,3.5X9.0X0.8,50MA,TP,K-150,00HM	SA
5	3301-001450	BD106	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	2202-002009	C101	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-000025	C103	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000603	C104	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2201-000019	C106	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	SA
5	2401-003036	C111	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C112	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-003036	C113	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2201-000119	C114	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-003036	C115	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C116	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000148	C117	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2201-000483	C118	C-CERAMIC,DISC	0.033NF,5%,50V,C0G,TP,5X3.5MM,5	SA
5	2401-003036	C119	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C120	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-003036	C121	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C122	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	C123	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-000049	C124	C-AL	47uF,20%,100V,WT,TP,10x16,5	SA
5	2202-002009	C125	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000119	C126	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2201-000119	C131	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2201-000019	C132	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	SA
5	2201-000154	C133	C-CERAMIC,DISC	10NF,+80-20%,2KV,Y5P,TP,20X5MM,7.5	SA
5	2202-000286	C134	C-CERAMIC,MLC-AXIAL	56pF,5%,50V,SL,TP,1.9x3.5,-	SA
5	2202-000286	C135	C-CERAMIC,MLC-AXIAL	56pF,5%,50V,SL,TP,1.9x3.5,-	SA
5	2202-002009	CB01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CB02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CB03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CB04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	2202-002009	CG01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CG02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CG03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CG04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	6502-000001	CIS	CABLE CLAMP	DAWH-5NB,D15,L35,NYLON66,NTR	SNA
5	0203-001599	CIS6	TAPE-KRAFT	#53110,0.1,6,2000M,BRN	SNA
5	0203-001600	CIS7	TAPE-PAPER	#53128,0.15,5.5,2000M,BEIGE	SNA
5	BH71-40300A	CN_G2	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	CN_GND	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	2202-002009	CR01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CR02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CR03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CR04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	0401-000005	DB01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DB02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DB03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DB04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DB05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000005	DG01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DG02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DG03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DG04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DG05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000005	DR01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DR02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DR03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DR04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DR05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	6042-000001	EY1	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY2	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY3	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY4	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY5	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	BH13-00022A	IC104	IC HYBRID-BIAS CLAMP	LM2480NA,PN15H/17L,8P,0to+70C,DIP,3mA,85V,ST	SA
5	BH39-40305U	JP101	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP102	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	BH39-40305U	JP103	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP104	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP105	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2701-001062	LB01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LB02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	2701-001062	LG01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LG02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	2701-001062	LR01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LR02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	BH41-00271A	MP1.0	PCB-VIDEO	LE19IS,FR-1,1,1.0,1.6T,82.3*123.5,LE19,6,VIDEO	SNA
5	2001-000577	R102	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R103	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R105	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R106	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000016	R107	R-CARBON(S)	1OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000435	R111	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000812	R112	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R113	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R114	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001138	R131	R-CARBON(S)	390OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000037	R132	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000947	R134	R-CARBON	7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000084	R135	R-CARBON	100Kohm,5%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000969	RB01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RB02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RB03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001187	RB05	R-CARBON(S)	75OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RB06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RB07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RB08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000969	RG01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RG02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RG03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001199	RG05	R-CARBON(S)	91OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RG06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RG07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RG08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000969	RR01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RR02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RR03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001187	RR05	R-CARBON(S)	75OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RR06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RR07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RR08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	1405-001064	SK104	SURGE ABSORBER	400V,20%,-,-,AXIAL	SA
5	4715-001065	SK105	SURGE ABSORBER	200V,20%,-,-,RADIAL	SNA
5	4715-001055	SK108	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
5	4715-001065	SKB01	SURGE ABSORBER	200V,20%,-,-,RADIAL	SNA
5	4715-000102	SKG01	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
5	4715-000102	SKR01	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
5	0403-001068	ZD105	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA

7-1-3 LE17IS Others

Level	Loc. No.	Code No.	Description	Specification	Remarks
2	BH90-00592A	-	ASSY COVER REAR	LE17JS,EDC	SNA
3	BH63-00130A	C/R	COVER-REAR	LE17KS,ABS HB,IV16	SNA
2	BH90-00598A	-	ASSY STAND	LE17JS/LE15VS,EDC	SNA
3	BH96-00272A	STD	ASSY STAND P	LE17KS,ABS HB IV16	SNA
4	6902-000109	STD	BAG PE	HDPE,T0.015,L430,W350,TRP,28,2,PE MARK	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	BH60-00030A	STD	FASTENER-BAND	PN17LT,ST+PVC,P0.4,-,150,YELLOW,-,-,-	SNA
4	BH61-00049A	STD	STAND-BASE	LE17KS,ABS HB,IV16	SNA
4	BH61-00050A	STD	STAND-TOP	LE17KS,ABS HB,IV16	SNA
4	BH61-40002A	STD	FOOT-RUBBER	-,NR,PMS428U,GA4237,-,-,-	SNA
4	BH63-30103A	STD	FELT-STAND	MCM1755,FELT,T1.0,W10,L4	SNA
4	BH68-20366A	STD	LABEL-MARK STAND	,ART PAPER100(S),WHT	SNA
4	BH68-70306A	STD	CARD-STAND	CVM4967PWS(SKD),WONSTROW,CHAIN	SNA
2	BH90-00611C	-	ASSY COVER FRONT	LE17IS	SNA
3	6003-000009	C/F+C/R	SCREW-TAPTITE	BH,+,B,M4,L16,ZPC(YEL),SWRCH18	SNA
3	6006-001119	C/F+CDT	SCREW-ASS'Y TAPT	WC,BH,+,M5,L25,ZPC(YEL),SWRCH18A	SNA
3	BH96-00274C	C/F	ASSY COVER P-FRONT	LE17IS,ABS HB IV16	SNA
4	6003-001023	C/F	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
4	BH63-00126A	C/F	COVER-FRONT	LE17KS,ABS HB,IV16,DF-SYNCMASTER	SNA
4	BH64-00151A	C/F	KNOB-FUNCTION	LE17KS,ABS,HB,IV16	SNA
4	BH67-00045A	C/F	LENS-LED	LE17KS,ACRYL,CLEAR,SYNCMASTER	SNA
4	BH72-00298A	C/F	GUIDE-CDT	,ABS,IV16,PN17LT,HB	SNA
4	BH72-60491B	C/F	CAP-BOSS	CGK5517,TPE,80,GRAY,CDT SETTING	SA
4	BH96-00287A	C/F	ASSY BOARD P-FUNCTION	LE19IS,FUNTION	SNA
4	BN68-00434A	C/F	LABEL-TC003	CDT,TC0'03,PE CLAER,T0.05,25*20,6DO SILK	SNA
2	BH91-00843Q	-	ASSY CDT-ST	LE19IS	SNA
3	0201-001576	CDT	ADHESIVE-RBR	DC-3140_RTV#0414,TRP,-,-	SNA
3	0203-000005	CDT	TAPE-ACETATE	SGT730,T0.26,W19,L3000,BLK	SNA
3	3302-000006	CDT	MAGNET-RUBBER	AF,14G,1620-1980G,0.58-0.9MGOe	SA
3	3309-000002	CDT	MAGNET-SHEET	5x20x80mm,UL94V-0,2	SA
3	BH03-00075C	CDT	CDT-ST	M41QCJ761X851(T4),84,17,0.25,29.1,IFT,H/C,NH,TCO,TILT,4	SA
3	BH68-30003C	CDT	LABEL-00,HIGH,VOLTAGE	SS,ART100G,30*33,YEL	SNA
3	BH96-00292A	CDT	ASSY D-COIL P	17 inch,BH27-00148A,BH96-00289A	SNA
2	BH91-00870A	-	ASSY SHIELD	LE17JS	SNA
3	0201-001059	CIS	ADHESIVE-SIL	#9590,WHT,-,CARTRIGE	SNA
3	6003-001023	SH/COV+SH/BTM	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
3	BH96-00281A	CIS	ASSY MISC P-SHIELD COVER	LE17KS,SECC T0.5,AL T0.25	SNA
4	BH63-00132A	CIS	SHIELD-COVER TOP	LE17KS,AL,T0.25	SNA
4	BH63-00133A	CIS	SHIELD-COVER REAR	LE17KS,SECC,T0.5	SNA
4	BH63-00145A	CIS	SHEET-ANODE	LE17KS,PP V2,T1.0,WHITE	SNA
2	BH91-00919D	-	ASSY CHASSIS-ST	LE17IS,EDC	SNA
2	BH92-01069A	-	ASSY P/MATERIAL	LE17JS	SNA
3	0203-001100	P/M	TAPE-OPP MASKING	OPP/W75/CLR,T0.05,W75,L800000,CLR	SNA
3	0203-001598	P/M	TAPE-FILAMENT	#8915,0.15,12,55000,CLR	SNA
3	6902-000001	P/M	BAG AIR	LDPE,T0.2,L1800,W1000,TRP,,,LDPE ONLY	SNA
3	6902-000379	P/M	BAG AIR	HDPE,T0.2,L1800,W1000,TRP,,,PAPER	SNA
3	6902-000523	P/M	BAG PE	HDPE,T0.015,W900,L800,TRP,28 LANGUAGE,2-	SNA
3	6902-000609	P/M	BAG ROLL	LDPE,T0.05,W2400,L1000,TRP,-,-	SNA
3	BH69-00561A	P/M	CUSHION	LE17KS,EPS M50,DF	SNA
3	BH69-40380A	P/M	PACKING-PAD	DW-2,500X2200X200,-,CGK5527	SNA
2	BH92-01093A	-	ASSY LABEL	LEO-PJT(15/17/19)	SNA
3	BH68-00565A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90*65,BLK,POLYESTER,NO SILK	SNA
2	BH92-01149E	-	ASSY BOX	LE17IS	SNA
3	BH68-00530A	BOX	LABEL BOX-01	LABEL-BARCODE,CE+TC003,MOJO 90G,WHT	SNA
3	BH69-00575A	BOX	BOX-00,MONITOR	S/M797DF(LE17IS) W/W,CB-SW4,YEL,A-1,W452*D506*H435	SNA
2	BH92-01162A	-	ASSY ACCESSORY	LEO	SNA
3	BH96-00297A	UNIT/ACCESSORY	ASSY ACCESSORY	LEO	SNA
4	0203-000214	ACCESSORY	TAPE-OPP MASKING	OPP/W50/CLR,T0.05,W50,L400000,	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
4	BH39-10339H	ACCESSORY	CBF POWER CORD	DET,H05VV-F,250V/10,16A,BLK,25	SA
4	BH68-70418A	ACCESSORY	CARD-EU BLOC WARR-07	SyncMaster,BASIC,EU,MOJO,100G,	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	BH96-00296A	ACCESSORY	ASSY MANUAL P-IB+QSG	795DF,SyncMaster,W/W,27Lang,BH59-362A+BH68-376J	SNA
5	BH59-00362A	I/B	S/W DRIVER-00,IB	793S,795DF,W/W,SYNCMASTER,27LANG	SNA
5	BH68-00376J	QUICK	MANUAL-01	AN_QUICK SETUP GUIDE,SYNCMASTER,E/F/S/G/P/I..14LANGS,W/W,MOJO100G,298,420	SNA

7-2-1 LE19IS Main PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
0	LE19ISBB				
1	ST-LE19ISBB	-	1	SDI,HIGH-CON(DF-T)	-
3	BH94-00989L	-	ASSY PCB MAIN-SX	LEO	SNA
4	2306-000147	C414	C-FILM,LEAD-PPF	1uF,5%,250V,BK,26x24x15,22.5mm	SA
4	2306-000263	C452	C-FILM,LEAD-PPF	770nF,5%,250V,BK,26x21.5x13.5,	SA
4	2301-001195	C601	C-FILM,LEAD-PPF	150nF,10%,275VAC,BK,26x16.5x7,	SA
4	2301-001195	C602	C-FILM,LEAD-PPF	150nF,10%,275VAC,BK,26x16.5x7,	SA
4	2401-003483	C605	C-AL	270uF,20%,400V,GP,BK,25.4x45,10	SA
4	BH63-00134A	CIS1	SHIELD-BOTTOM	LE17KS,SECC,T1.0	SNA
4	BH63-00124A	CIS2	SHIELD-IC	LE17KS,SPTE,T0.2	SNA
4	BH63-00143A	CIS3	COVER-PCB R	LE17KS,ABS PC,IV16	SNA
4	BH63-00144A	CIS4	COVER-PCB L	LE17KS,ABS PC,IV16	SNA
4	BH68-00001A	CIS40	LABEL-MARK CDT	ART-PAPER100G,-,WHT,BLK,-,ALL,CDT	SNA
4	0204-002426	CIS6	FLUX	DF-201TVS,MIX,0.820,FLUX13%,14KG,-	SNA
4	0204-002420	CIS7	SOLVENT	1M-1000,C3H70H,96,-,-	SNA
4	3711-003895	CN201	CONNECTOR-HEADER	BOX,13P,1R,2mm,STRAIGHT,SN	SA
4	3711-003843	CN202	CONNECTOR-HEADER	BOX,8P,1R,2mm,STRAIGHT,SN	SA
4	3711-004484	CN203	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
4	3711-000885	CN321	CONNECTOR-HEADER	3WALL,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-005055	CN401	CONNECTOR-HEADER	1WALL,4P,1R,10MM/8.0MM,STRAIGHT,SN-PB,WHT	SA
4	3721-001053	CN601	PLUG-AC POWER	3P,-,-,NI	SNA
4	3301-000130	CORE_1	CORE-FERRITE	AC,23.5x9.4x12.6mm,1500,2800G	SNA
4	3301-001264	CORE_2	CORE-FERRITE	AC,18.2X9.7X28.2MM,1500,2800GAUSS	SNA
4	0402-001441	D403	DIODE-RECTIFIER	-,40V,3A,DO-201AD,BK	SA
4	0402-001295	D505	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	SA
4	0402-001295	D507	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	SA
4	0402-001227	D601	DIODE-BRIDGE	D3SBA60,600V,2.3A,SIP-4,BK	SA
4	0402-000005	D626	DIODE-RECTIFIER	31DF4,400V,3A,DO-201AD,BK	SA
4	6003-000122	FBT+H/S	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(YEL),SWRCH18	SNA
4	3601-001303	FH1	FUSE-RADIAL LEAD	250V,4A,TIME-LAG,CERAMIC,5X20MM	SA
4	6502-000127	HS601_CLAMP1	CABLE CLAMP	DAWH-18NB,ID15,-,NYLON66,NTR	SNA
4	6502-001058	HS601_CLMAP2	CABLE CLAMP	DAWH-50N,ID16.6,-,NYLON6/6,NTR	SNA
4	3704-001071	IC201_SOCKET	SOCKET-IC	42P,DIP,SN,1.778mm	SA
4	1204-002259	IC401	IC-DEF. PROCESSOR	STV9118,SDIP,32P,27.94x8.89mm,PLASTIC,13.2V,-,0to+70C,ST,IC-DEF. PROCESSOR	SNA
4	1203-003240	IC621	IC-POSI.FIXED REG.	L78M05,IPAK,3P,6.5x6.1mm,PLASTIC,4.75/5.25V,-,0to+150C,0.5A,-,ST	SA
4	1203-000165	IC622	IC-POSI.ADJUST REG.	78R12,TO-220,4P,-,PLASTIC,11.7/12.3V,1.5W,-20TO+80C,1A,-,ST	SA
4	BH27-00134A	L411	COIL CHOKE	100UH,CDTM0,100UH,10%,0.20HM,5.0A,AR8X25,60.5TS,18X40MM,11MM,USTC0.12X20,TR,-10C	SA
4	BH27-00150A	L441	COIL LINEARITY	HL-1527C,5.2uH,YL8115X27.5,11mm,18x17x55mm,15©™x6.5t°±0.5t,22T/1000T,BK,20%,0.0	⚠ SNA
4	BH27-00061A	L601	COIL FILTER	-,33.0mH,0.1ohm,72Ts,28.*28,-,BK,SQE-2828,3A,-,-	SA
4	6003-001023	M/PCB+SH/BTM	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
4	0505-001689	Q401	FET-SILICON	IRFU210B,N,200V,2.7A,1.5OHM,2.5W,I-PAK	SA
4	0505-001689	Q561	FET-SILICON	IRFU210B,N,200V,2.7A,1.5OHM,2.5W,I-PAK	SA
4	2005-001163	R409	R-WIRE WOUND,NON	0.68ohm,1%,3W,AA,TP,5.5x15mm	SA
4	2003-000695	R414	R-METAL OXIDE(S)	430ohm,5%,3W,AA,TP,6x16mm	SA
4	3501-001111	RL601	RELAY-POWER	12VDC,250MW,5000MA,1FORMA,15MS,5MS	SA
4	6003-000133	SH/BTM+AC/SOCK	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(YEL),SWRCH18A,-	SNA
4	BH39-00453A	SIGNAL_CABLE	CBF SIGNAL	LE19IS,15P/06P,08P,20276-N1,1830mm,UL20276,BLACK,D-SUB/MALE,AWG28/30,30V,ATT. TY	SNA
4	BH26-00090B	T401	TRANS HORIZ.DRIVE	EI-1916,AN19J,7P,35.0MH,185TS/13TS/95TS,73.0UH,7.5/0.050HM,PL3,EI-1916,170UH MAX	⚠ SA
4	BH26-00174A	T411	TRANS-H PULSE	ER-2828,LE19IS,10P,500uH,0.70uH,0.2/0.030,PL-,DMR30,ER-2828,230uH,BK	SNA
4	BH26-00084A	T501	TRANS FBT	FQM19A005,PS17N0,122UH,SM19C,FUR3757SU,113.2MOHM,80,14P,-10~+60,BK,27KV	⚠ SA
4	BH26-00086A	T561	TRANS-FOCUS	EE1916,5P,2.0MH MIN,290MH MIN,0.850HM/32.00HM,EE1916(PL3,SL-2),EE19*16,23.0UH MA	⚠ SA
4	BH26-00172A	T601	TRANS SWITCHING	LE19IS,90~264V,FERRITE,ER-3942	SNA
4	BH26-00163A	T602	TRANS	UU-1116,CU17K,5,18mH min,18mH min,2.7ohm MAX,10 ~ 55,FERRITE,UU-1116 SB-5S	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	1404-001264	TH601	THERMISTOR-PTC	4.5OHM,+30/-20%,220V,290VAC,21A,-,TR	SA
4	1404-001020	TH602	THERMISTOR-NTC	8ohm,15%,-,17mW/C,BK	SA
4	BH96-00285A	HS490	ASSY HEAT SINK P	BH62-00055A,SPRING,J6920,FFAF10U170S,2SK2761,OIL SILICON	SNA
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	0402-001520	H/S	DIODE-RECTIFIER	FFAF10U170S,1700V,10A,DO-201AD,ST	SA
5	0502-001259	H/S	TR-POWER	FJAF6920A,NPN,60000mW,TO-3PF,ST,6-9	SA
5	0505-001266	H/S	FET-SILICON	2SK2761-01MR,N,600V,10A,0.85oh	SA
5	BH61-70003A	H/S	SPRING ETC	CVT4857,STS304-W1/2H,W3.8,-,L30,L30,-,T0.5,DEGRE,W3.8,STS304-W1/2H	SNA
5	BH62-00055A	H/S	HEAT SINK-PS	NEO,A1050S,2.0,80,100	SNA
4	BH97-00505C	MICOM	ASSY MICOM	LE19IS	SA
5	0903-001194	IC201	IC-MICROCONTROLLER	3P863,8Bit,SDIP,42P,600MIL,12MHz,ST,CMOS,PLASTIC,5V,-,-40to+85C,1040BYTE,48KBYTE	SNA
5	BH82-00020J	CIS	A/S MICOM	LE19IS	SNA
4	BH97-00508A	-	ASSY AUTO-(MAIN)ST	LE19IS	SNA
5	3301-000011	BD201	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD202	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD203	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD402	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD411	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD412	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD431	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD501	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-001450	BD601	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	2201-000119	C201	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-000050	C202	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	SA
5	2201-000389	C203	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2201-000389	C204	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2201-000144	C205	C-CERAMIC,DISC	0.1NF,5%,50V,C0G,TP,8.5X3MM,5	SA
5	2201-000017	C206	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	2201-000374	C207	C-CERAMIC,DISC	0.22NF,5%,50V,C0G,TP,10.5X3MM,5	SA
5	2401-000603	C208	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C209	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C210	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C211	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2201-000389	C212	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2401-002075	C260	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	SA
5	2401-002463	C301	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2301-000174	C302	C-FILM,LEAD-PEF	15nF,5%,100V,TP,7.2x4.0x7.5mm,	SA
5	2301-000148	C303	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2401-000852	C304	C-AL	220uF,20%,35V,GP,TP,8x11.5mm,5	SA
5	2305-000004	C305	C-FILM,LEAD-PEF	220nF,10%,100V,TP,12.7x16,5mm	SA
5	2301-000010	C306	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-002463	C307	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2401-001914	C309	C-AL	1uF,20%,50V,BP,TP,5x11,5	SA
5	2301-000148	C310	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2301-000188	C312	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2201-000119	C321	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-000025	C322	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2301-000168	C331	C-FILM,LEAD-PEF	150nF,5%,100V,TP,11.5x19mm,7.5	SA
5	2305-000237	C332	C-FILM,LEAD-PEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	SA
5	2401-000031	C333	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2401-000050	C401	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	SA
5	2401-001218	C402	C-AL	4.7uF,20%,100V,WT,TP,5x11,5	SA
5	2301-000010	C403	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2301-000020	C404	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA
5	2301-001441	C405	C-FILM,LEAD-PPF	2nF,3%,1.6kV,TP,20x2.5x11mm,7.5	⚠ SA
5	2309-000106	C406	C-FILM,LEAD-OTHER	2.2nF,5%,1.6KV,TP,23x16x9,7.5m	⚠ SA
5	2401-003826	C411	C-AL	220UF,20%,63V,LR,TP,10X25MM,5	SA
5	2201-000285	C412	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2201-000012	C413	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000003	C415	C-CERAMIC,DISC	0.068NF,10%,2KV,SL,TP,7X5MM,5	SA
5	2201-000732	C417	C-CERAMIC,DISC	0.68NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2401-002463	C431	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2305-000665	C432	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2301-000148	C433	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2202-000573	C434	C-CERAMIC,MLC-RADIAL	0.82NF,5%,50V,C0G,TP,5.1X3.2X5.1MM,5	SA
5	2301-000020	C435	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2401-002075	C436	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	SA
5	2401-000603	C437	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000031	C438	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2301-000188	C439	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2301-000004	C440	C-FILM,LEAD-PEF	2.2nF,5%,100V,TP,5.5X10X2.9,5m	SA
5	2301-000106	C441	C-FILM,LEAD-PEF	1.5nF,0.05,100V,TP,10.5*12.5*6	SA
5	2301-000016	C442	C-FILM,LEAD-PEF	22nF,5%,100V,TP,7.2x4.5x9.0mm,	SA
5	2301-000168	C443	C-FILM,LEAD-PEF	150nF,5%,100V,TP,11.5x19mm,7.5	SA
5	2301-000188	C444	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2301-001249	C451	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2306-000006	C453	C-FILM,LEAD-PPF	330nF,5%,250V,TP,20x18.5x10.5,	SA
5	2306-000131	C454	C-FILM,LEAD-PPF	150nF,5%,250V,TP,19x16x7.5,7.5	SA
5	2301-001249	C455	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2301-001067	C456	C-FILM,LEAD-PPF	82nF,5%,400V,TP,19x15.5x7,7.5	SA
5	2301-001249	C457	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2201-000291	C458	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,7.5X3.5MM,5	SA
5	2401-000603	C459	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2202-000654	C460	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	SA
5	2301-000294	C501	C-FILM,LEAD-PEF	56nF,5%,100V,TP,9.5x12.5mm,5mm	SA
5	2301-000013	C502	C-FILM,LEAD-PEF	4.7nF,5%,100V,TP,10.5x12.5x6.5	SA
5	2301-000312	C503	C-FILM,LEAD-PEF	8.2nF,5%,100V,TP,6x12.5mm,5mm	SA
5	2401-000025	C504	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2201-000163	C505	C-CERAMIC,DISC	10NF,+80-20%,50V,Y5V,TP,7X3MM,2.5	SA
5	2305-000237	C506	C-FILM,LEAD-PEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	SA
5	2202-000654	C507	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	SA
5	2401-000025	C508	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000025	C509	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2305-000412	C510	C-FILM,LEAD-PEF	470nF,5%,63V,TP,-,5mm	SA
5	2303-000102	C511	C-FILM,LEAD-PEF	1.2nF,5%,1.6KV,TP,23*16*7.5,7.	SA
5	2201-000012	C512	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2401-000058	C513	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2401-000031	C521	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2202-002009	C530	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-000638	C531	C-AL	2.2uF,20%,350V,WT,TP,10x12.5mm	SA
5	2401-001576	C532	C-AL	47uF,20%,50V,GP,TP,8x11.5,5	SA
5	2401-002267	C533	C-AL	2.2uF,20%,250V,GP,TP,8x11.5,5	SA
5	2301-000213	C534	C-FILM,LEAD-PEF	220nF,5%,250V,TP,21.5x11,7.5	SA
5	2301-001480	C535	C-FILM,LEAD-PEF	2000NF,5%,100V,TP,17X16.5X9.5,7.5	SA
5	2401-001026	C536	C-AL	3.3UF,20%,50V,GP,TP,5X11,5	SA
5	2401-002300	C537	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	SA
5	2305-000428	C541	C-FILM,LEAD-PEF	47nF,5%,250V,TP,11x9x4.5,5mm	SA
5	2401-000480	C551	C-AL	10uF,20%,50V,GP,TP,5x11,5	SA
5	2201-000129	C552	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000285	C561	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2201-000285	C562	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2306-001011	C563	C-FILM,LEAD-PPF	56nF,5%,250V,TP,19x7.5x14.5,7.	SA
5	2301-000020	C564	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA
5	2301-000148	C565	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2201-000023	C603	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2201-000023	C604	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2401-000970	C606	C-AL	22uF,20%,50V,WT,TP,5x11,5	SA
5	2202-002009	C607	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000325	C608	C-CERAMIC,DISC	2.2NF,10%,500V,Y5P,TP,9.5X4MM,5	SA
5	2201-000129	C609	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000017	C610	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	2401-000611	C611	C-AL	1uF,20%,50V,WT,TP,5x11,5	SA
5	2305-000149	C613	C-FILM,LEAD-PEF	100nF,5%,100V,TP,12x12.5x6.5,5	SA
5	2301-000284	C614	C-FILM,LEAD-PEF	47nF,5%,100V,TP,8.5x12.5mm,5mm	SA
5	2401-001585	C615	C-AL	47uF,20%,50V,WT,TP,8x11.5,5	SA
5	2202-002009	C616	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000023	C617	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2401-000015	C618	C-AL	33uF,20%,50V,WT,-,6.3x11mm,2.5	SA
5	2201-000291	C619	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,7.5X3.5MM,5	SA
5	2305-000178	C621	C-FILM,LEAD-PEF	10nF,5%,100V,TP,-,5mm	SA
5	2401-000039	C622	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000025	C623	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000010	C624	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000010	C625	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000010	C626	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2401-000039	C627	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000058	C628	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2401-003826	C629	C-AL	220UF,20%,63V,LR,TP,10X25MM,5	SA
5	2201-000732	C630	C-CERAMIC,DISC	0.68NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2401-000039	C631	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000058	C633	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2201-000017	C634	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	0203-001600	CIS10	TAPE-PAPER	#53128,0.15,5.5,2000M,BEIGE	SNA
5	0203-001599	CIS9	TAPE-KRAFT	#53110,0.1,6,2000M,BRN	SNA
5	BH71-40300A	CN420	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	CN421	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	3711-000217	CN602	CONNECTOR-HEADER	1WALL,2P,1R,7.92MM,STRAIGHT,SN,NTR	SA
5	0401-000005	D201	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D251	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D252	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000274	D301	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000005	D401	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D402	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001118	D411	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AC,TP	SA
5	0402-000274	D412	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000004	D441	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0402-000274	D451	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000005	D501	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D502	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D504	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D506	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D508	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D509	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000274	D510	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000012	D531	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000274	D532	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000017	D533	DIODE-RECTIFIER	RGP02-12,1.2KV,0.5A,DO-204AL,TP	SA
5	0401-000005	D541	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001114	D542	DIODE-RECTIFIER	1N4936GP,400V,1A,DO-201AD,TP	SA
5	0402-000546	D543	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	D544	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D551	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000012	D603	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000012	D604	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000546	D605	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	D606	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	D607	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D608	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D621	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001194	D622	DIODE-RECTIFIER	UG2D,200V,2A,-,TP	SA
5	0402-000274	D623	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000274	D624	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-001194	D627	DIODE-RECTIFIER	UG2D,200V,2A,-,TP	SA
5	0402-001118	D628	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AC,TP	SA
5	6042-000001	EY301	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY302	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY401	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY402	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY403	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY404	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY405	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY411	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY415	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY422	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY423	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY454	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY455	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY501	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY502	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY503	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY504	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY505	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY506	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY507	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	6042-000001	EY601	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY602	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY603	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY604	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY605	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY606	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY607	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY608	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY621	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY622	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY623	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	BH71-40300A	GT401	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT402	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT601	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT602	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	1103-001150	IC241	IC-EEPROM	24C081,1Kx8,DIP,8P,9.2x6.4mm,2.7/5.5V,-25to+70C	SA
5	1203-000610	IC501	IC-PWM CONTROLLER	494,DIP,16P,300MIL,PLASTIC,40V,1W,0TO+70C,250MA,4.75/5.25V,ST	SA
5	BH39-40305U	JP_DHH	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP1	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP10	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP11	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP12	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP13	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP14	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP15	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP16	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP17	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP18	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP19	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP20	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP21	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP22	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP23	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP24	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP25	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP26	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP27	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP28	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP29	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP3	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP30	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP31	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP32	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP33	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP34	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP35	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP36	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP37	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP38	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP39	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP4	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP40	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP41	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP42	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP43	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP44	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP45	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP46	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP47	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP48	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP49	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP5	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP50	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP51	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP52	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP53	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP54	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP57	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP58	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	BH39-40305U	JP60	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP61	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP62	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP63	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP64	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP65	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP66	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP67	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP68	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP69	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP7	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP70	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP71	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP72	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP73	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP74	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP75	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP76	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP77	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP78	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP79	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP8	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP80	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP82	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP83	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP9	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2701-000189	L218	INDUCTOR-AXIAL	0.47UH,10%,2534	SA
5	2701-000116	L501	INDUCTOR-AXIAL	10UH,10%,4298	SA
5	BH41-00270A	MP1.0	PCB MAIN	LE19IS,FR-1,1,1.0,1.6T,247*247,LE19,MAIN	SNA
5	0501-000122	Q321	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000581	Q322	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	SA
5	0501-000586	Q323	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q403	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000303	Q404	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q411	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000303	Q412	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q455	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q456	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q457	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q458	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000404	Q459	TR-SMALL SIGNAL	KSD1616-Y,NPN,750mW,TO-92,TP,135-270	SA
5	0501-000122	Q502	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000581	Q503	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	SA
5	0501-000122	Q523	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000586	Q541	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000143	Q542	TR-SMALL SIGNAL	2N6520,PNP,625mW,TO-92,TP,30-200	SA
5	0501-000413	Q551	TR-SMALL SIGNAL	KSP44,NPN,625mW,TO-92,TP,50-200	SA
5	0501-000122	Q601	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000404	Q604	TR-SMALL SIGNAL	KSD1616-Y,NPN,750mW,TO-92,TP,135-270	SA
5	0501-000010	Q621	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	SA
5	0501-000586	Q622	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q624	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000321	Q625	TR-SMALL SIGNAL	KSB1116-Y,PNP,750mW,TO-92,TP,135-270	SA
5	2001-000429	R201	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R202	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R203	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R204	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R205	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R206	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000800	R207	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000739	R208	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R209	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R210	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R211	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R212	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R213	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R214	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R215	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000006	R216	R-CARBON	2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2001-000006	R217	R-CARBON	2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000793	R218	R-CARBON	47OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R219	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R220	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R221	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R222	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R223	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R224	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R227	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000435	R228	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000435	R229	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R230	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000554	R231	R-CARBON	270OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000869	R232	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000869	R233	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R234	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R235	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R236	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R241	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R242	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R243	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R244	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000977	R301	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-000216	R302	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000616	R304	R-METAL	24Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-001078	R305	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001005	R306	R-METAL	5.1Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-004038	R307	R-METAL	4.3Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-004231	R308	R-METAL(S)	2.4OHM,1%,1/2W,AA,TP,3.3X9MM	Y
5	2004-001391	R309	R-METAL(S)	2.2ohm,1%,1/2W,AA,TP,2.4x6.4mm	SA
5	2001-000037	R310	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000290	R311	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001053	R312	R-CARBON(S)	1.5OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000977	R313	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R321	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R322	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000302	R323	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000864	R324	R-CARBON	56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000042	R325	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000281	R326	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001079	R327	R-CARBON(S)	15OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001079	R328	R-CARBON(S)	15OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000319	R401	R-CARBON	120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000221	R402	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000221	R403	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000490	R404	R-CARBON	200OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000739	R405	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000052	R406	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001078	R407	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000608	R408	R-METAL OXIDE(S)	270ohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000763	R410	R-METAL OXIDE(S)	6.8ohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000468	R411	R-METAL OXIDE(S)	10ohm,5%,1W,AA,TP,3.3x9mm	SA
5	2001-000008	R412	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000005	R413	R-METAL OXIDE(S)	1ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000107	R415	R-CARBON(S)	150KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001118	R431	R-METAL	5Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000449	R432	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-004367	R433	R-METAL	90Kohm,1%,1/4W,AA,TP,6.2x2.6mm	SA
5	2001-000449	R434	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000010	R435	R-CARBON	68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000356	R436	R-CARBON	150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001230	R437	R-METAL	75Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000657	R438	R-METAL	27Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000412	R439	R-METAL	18Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000890	R440	R-CARBON	6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000577	R441	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000563	R442	R-CARBON	27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R451	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R452	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2001-000290	R453	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R454	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R455	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R456	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R457	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R458	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R459	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R460	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R461	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R462	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000450	R463	R-METAL OXIDE(S)	100Kohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000541	R464	R-METAL OXIDE(S)	1Kohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000671	R465	R-METAL OXIDE(S)	390ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000290	R467	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000514	R468	R-METAL OXIDE(S)	15ohm,5%,2W,AA,TP,4x12mm	SA
5	BH39-40305U	R469	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2001-000241	R501	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R502	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000812	R503	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000689	R504	R-CARBON	390KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000786	R505	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R506	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R507	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R509	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000241	R510	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001153	R511	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001144	R512	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2005-001172	R513	R-WIRE WOUND,NON	0.6ohm,5%,3W,AA,TP,5.5x15mm	SA
5	2003-000432	R515	R-METAL OXIDE(S)	1.5Kohm,5%,3W,AA,TP,6x16mm	SA
5	2004-001005	R516	R-METAL	5.1Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2001-000878	R520	R-CARBON	6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000800	R521	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001136	R522	R-METAL	6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2001-000734	R523	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001298	R526	R-METAL	82Kohm,2%,1/4W,AA,TP,2.4x6.4mm	⚠ SA
5	2001-000429	R530	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000073	R531	R-CARBON	33KOHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2004-000781	R532	R-METAL	330Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2004-000560	R533	R-METAL	220Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2001-000800	R534	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-000252	R535	R-METAL	11Kohm,1%,1/4W,AA,TP,2.4x6.4mm	⚠ SA
5	2001-000591	R541	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R542	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2002-001091	R543	R-COMPOSITION	270KOHM,5%,1/2W,AA,TP,3X9MM	SA
5	2002-001062	R544	R-COMPOSITION	150Kohm,2%,1/2W,AA,TP,3.9x9mm	SA
5	2002-000121	R545	R-COMPOSITION	1Mohm,10%,1/2W,AA,TP,3.5x9.5mm	SA
5	2001-000734	R550	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R551	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R553	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R554	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R555	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2002-001079	R556	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	SA
5	2002-001079	R557	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	SA
5	2001-000114	R558	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000114	R559	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000514	R561	R-METAL OXIDE(S)	15ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000221	R562	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	R601	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001129	R602	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000738	R603	R-METAL OXIDE(S)	56Kohm,5%,2W,AA,TP,4x12mm	SA
5	2003-000014	R604	R-METAL OXIDE(S)	10Kohm,5%,3W,AA,TP,6x16mm	SA
5	2002-001103	R605	R-COMPOSITION	300Kohm,5%,1/2W,AA,TP,3.7x10.0mm	SA
5	2002-001103	R606	R-COMPOSITION	300Kohm,5%,1/2W,AA,TP,3.7x10.0mm	SA
5	2001-001116	R607	R-CARBON(S)	27OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000734	R608	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000780	R609	R-CARBON	470OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R610	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	BH39-40305U	R611	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2001-000023	R621	R-CARBON	47OHM,5%,1/4W,AA,TP,2.4X6.4MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2001-000027	R622	R-CARBON	100OHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000613	R623	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000857	R624	R-CARBON	560OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R626	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R627	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000472	R628	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000786	R629	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000473	R631	R-METAL OXIDE(S)	10ohm,5%,3W,AA,TP,6x16mm	SA
5	2001-001108	R632	R-CARBON(S)	22KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000613	R634	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	4715-001055	SK531	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
5	6042-000002	TP501	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	2801-000006	X201	CRYSTAL-UNIT	12MHz,50ppm,28-AAM,S,35ohm,BK	SA
5	0403-000337	ZD201	DIODE-ZENER	UZ24BH,24.26-25.52V,500MW,DO-35,TP	SA
5	0403-001068	ZD202	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA
5	0403-000361	ZD221	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD222	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD223	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD224	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD225	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD501	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-001167	ZD541	DIODE-ZENER	MTZJ30D,29.02-30.51V,500MW,DO-34,TP	SA
5	0403-001221	ZD542	DIODE-ZENER	UZ39BSB,35.36-37.19V,500MW,DO-34,TP	SA
5	0403-001068	ZD543	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA
5	0403-001221	ZD601	DIODE-ZENER	UZ39BSB,35.36-37.19V,500MW,DO-34,TP	SA
5	0403-000361	ZD602	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
4	BH99-00030F	HS422	ASSY HEAT/SINK	HS TR,SCREW+NUT,IRFS630B(4),OIL SILICON	SNA
5	0205-001154	CIS	OIL-SILICON	G746,-,-	SNA
5	0505-001716	CIS	FET-SILICON	IRFS630B,N,200V,9A,0.4OHM,38W,TO-220F	SA
5	6006-001008	CIS	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
5	6021-000118	CIS	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
5	BH62-00044A	CIS	HEAT SINK-TR	AQ19FS,A1050S,T2.0,20,55,-,-,-	SNA
4	BH99-10019H	HS411	ASSY HEAT/SINK	H/S TR,SCREW+NUT,IRF634A,-,-,OIL SILICON,-,-	SNA
5	0205-001154	CIS	OIL-SILICON	G746,-,-	SNA
5	0505-001181	CIS	FET-SILICON	IRF634A,N,250V,8.1A,450mohm,74	SA
5	6006-001008	CIS	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
5	6021-000118	CIS	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
5	BH62-30024B	CIS	HEAT SINK-IC	SPC-1,T1,SN COATING,-	SNA
4	BN61-01137A	CIS16	SUPPORT-CLIP	IBM E74,NYLON 66,1.0,NTR	SNA
4	BP96-00065B	HS301	ASSY HEAT SINK P	BH62-00003B,SCREW,STV9325,OIL SILICON	N
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	1204-002262	H/S	IC-VERTICAL DEF.	STV9325,HEPTAWATT,7P,15.45x10.22mm,PLASTIC,35V,-,-40to+150C,ST,IC-VERTICAL DEF.	SNA
5	6003-000334	H/S	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	SNA
5	BH62-00003B	H/S	HEAT SINK-VERT	A1050S,T1.0,T1.0,-,DA,DB	SNA
4	BP96-00075D	HS601	ASSY HEAT SINK P	BH62-00052A,SPRING,8SA0965,SILICON RUBBER	SNA
5	BH13-00049A	H/S	IC HYBRID	FS8S0965RCB(DP906C),LE19IS,5,-25 to 85,TO-220(FORMING),35,ST	SA
5	BH61-00004A	H/S	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,T0.5,-,-,-	SNA
5	BH62-00052A	H/S	HEAT SINK-POWER	M782,A1050S,T1.0,W25,L55,-,BH62,-	SNA
5	BH62-20001B	H/S	TUBE-RUBBER	CSQ4357,W25*L20*T0.45,-,-,-,-	SNA

7-2-2 LE19IS Video PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
3	BH94-00978A	-	ASSY PCB VIDEO-ST	LE19IS	SNA
4	6003-001023	-	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
4	BH39-00386A	CIS	CBF-GROUND ASS'Y	MS17J0,8*0.16*16TA,1P/2P,80MM,35750-1010,EARTH PLATE CLIP,BK,8*0.16*16TA	SA
4	BH63-00131A	CIS1	SHIELD-VIDEO	LE17KS,SPTE,T0.2	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	0204-002426	CIS3	FLUX	DF-201TVS,MIX,0.820,FLUX13%,14KG,-	SNA
4	0204-002420	CIS4	SOLVENT	1M-1000,C3H70H,96,-,-	SNA
4	BH68-00001A	CIS40	LABEL-MARK CDT	ART-PAPER100G,-,WHT,BLK,-,ALL,CDT	SNA
4	3711-004236	CN101	CONNECTOR-HEADER	BOX,6P,1R,2MM,STRAIGHT,SN	SNA
4	BH39-00015A	CN102	CBF-HARNESS	13P/14P,200MM,WHT/BLK/RED/BLU,UL1007,AWG26,SMH200-13/YBNH200-14	SA
4	BH13-00050A	IC102	IC HYBRID	NT6813K-30031,NT6813K-30031,24P,-55 to +150,240mA,-0.5 to 6V,ST	SA
4	3704-001203	SK101	SOCKET-CRT	9P,29PI,22.5PI,NI+SN,-	SNA
4	BH96-00283B	HS106	ASSY HEAT SINK P	BH62-00054A,SCREW,LM2463,OIL SILICON	SNA
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	1201-002116	H/S	IC-VIDEO AMP	LM2463,TO-220,11P,17.5x20.01mm,-,-20,PLASTIC,100V,-,0to70C,-,-,-,-,-,ST	SA
5	6003-000334	H/S	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	SNA
5	BH62-00054A	H/S	HEAT SINK-PS	LEO,A1050S,2.0,112,25	SNA
4	BH97-00510A	-	ASSY AUTO-(VIDEO)ST	LE19IS	SNA
5	3301-001450	BD101	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001450	BD102	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001450	BD104	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001660	BD105	BEAD-RADIAL	100OHM,3.5X9.0X0.8,50MA,TP,K-150,0OHM	SA
5	3301-001450	BD106	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	2202-002009	C101	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-000025	C103	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000603	C104	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2201-000019	C106	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	SA
5	2401-003036	C111	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C112	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-003036	C113	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2201-000119	C114	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-003036	C115	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C116	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000148	C117	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2201-000483	C118	C-CERAMIC,DISC	0.033NF,5%,50V,C0G,TP,5X3.5MM,5	SA
5	2401-003036	C119	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C120	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-003036	C121	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C122	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	C123	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-000049	C124	C-AL	47uF,20%,100V,WT,TP,10x16,5	SA
5	2202-002009	C125	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000119	C126	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2201-000119	C131	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2201-000019	C132	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	SA
5	2201-000154	C133	C-CERAMIC,DISC	10NF,+80-20%,2KV,Y5P,TP,20X5MM,7.5	SA
5	2202-000286	C134	C-CERAMIC,MLC-AXIAL	56pF,5%,50V,SL,TP,1.9x3.5,-	SA
5	2202-000286	C135	C-CERAMIC,MLC-AXIAL	56pF,5%,50V,SL,TP,1.9x3.5,-	SA
5	2202-002009	CB01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CB02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CB03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CB04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	2202-002009	CG01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CG02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CG03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CG04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	6502-000001	CIS	CABLE CLAMP	DAWH-5NB,D15,L35,NYLON66,NTR	SNA
5	0203-001599	CIS6	TAPE-KRAFT	#53110,0.1,6,2000M,BRN	SNA
5	0203-001600	CIS7	TAPE-PAPER	#53128,0.15,5.5,2000M,BEIGE	SNA
5	BH71-40300A	CN_G2	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	CN_GND	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	2202-002009	CR01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CR02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CR03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CR04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	0401-000005	DB01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DB02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DB03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DB04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DB05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000005	DG01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DG02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	0401-000004	DG03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DG04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DG05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000005	DR01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DR02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DR03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DR04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DR05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	6042-000001	EY1	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY2	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY3	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY4	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY5	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	BH13-00022A	IC104	IC HYBRID-BIAS CLAMP	LM2480NA,PN15H/17L,8P,0to+70C,DIP,3mA,85V,ST	SA
5	BH39-40305U	JP101	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP102	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP103	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP104	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP105	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2701-001062	LB01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LB02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	2701-001062	LG01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LG02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	2701-001062	LR01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LR02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	BH41-00271A	MP1.0	PCB-VIDEO	LE19IS,FR-1,1,1.0,1.6T,82.3*123.5,LE19,6,VIDEO	SNA
5	2001-000577	R102	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R103	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R105	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R106	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000016	R107	R-CARBON(S)	1OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000435	R111	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000812	R112	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R113	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R114	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001138	R131	R-CARBON(S)	390OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000037	R132	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000947	R134	R-CARBON	7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000084	R135	R-CARBON	100Kohm,5%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000969	RB01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RB02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RB03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001187	RB05	R-CARBON(S)	75OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RB06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RB07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RB08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000969	RG01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RG02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RG03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001199	RG05	R-CARBON(S)	91OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RG06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RG07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RG08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000969	RR01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RR02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RR03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001187	RR05	R-CARBON(S)	75OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RR06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RR07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RR08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	1405-001064	SK104	SURGE ABSORBER	400V,20%,-,-,AXIAL	SA
5	4715-001065	SK105	SURGE ABSORBER	200V,20%,-,-,RADIAL	SNA
5	4715-001055	SK108	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
5	4715-001065	SKB01	SURGE ABSORBER	200V,20%,-,-,RADIAL	SNA
5	4715-000102	SKG01	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
5	4715-000102	SKR01	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
5	0403-001068	ZD105	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA

7-2-3 LE19IS Others

Level	Loc. No.	Code No.	Description	Specification	Remarks
2	BH90-00605A	-	ASSY COVER FRONT	LE19IS,EDC	SNA
3	6003-000009	C/F+C/R	SCREW-TAPTITE	BH,+,B,M4,L16,ZPC(YEL),SWRCH18	SNA
3	6006-001119	C/F+CDT	SCREW-ASS'Y TAPT	WC,BH,+,M5,L25,ZPC(YEL),SWRCH18A	SNA
3	BH96-00278A	C/F	ASSY COVER P-FRONT	LE19IS,ABS HB IV16	SNA
2	BH90-00617A	-	ASSY COVER REAR	LE19IS,EDC	SNA
3	BH63-00137A	C/R	COVER-REAR	LE19IS,ABS HB,IV16	SNA
2	BH90-00628A	-	ASSY STAND	LE19IS,EDC	SNA
3	BH96-00273A	STD	ASSY STAND P	LE19IS,ABS HB IV16	SNA
2	BH91-00843N	-	ASSY CDT-ST	LE19IS	SNA
3	0203-000005	CDT	TAPE-ACETATE	SGT730,T0.26,W19,L3000,BLK	SNA
3	0204-002421	CDT	COMPOUND	KS650N,-,0.9-1.1,1L,20L,-	SNA
3	3302-000006	CDT	MAGNET-RUBBER	AF,14G,1620-1980G,0.58-0.9MGOe	SA
3	3309-000002	CDT	MAGNET-SHEET	5x20x80mm,UL94V-0,2	SA
3	BH03-00047U	CDT	CDT-ST	M46QCK761X216(T4),84,19,0.25,29.1,IFT,H/C,NH,TCO,TILT,4	SA
3	BH68-30003C	CDT	LABEL-00,HIGH,VOLTAGE	SS,ART100G,30*33,YEL	SNA
3	BH96-00294A	CDT	ASSY D-COIL P	19 inch,BH27-00147A,BH96-00288A	SNA
2	BH91-00884A	-	ASSY SHIELD	LE19IS	SNA
3	0201-001059	CIS	ADHESIVE-SIL	#9590,WHT,-,CARTRIGE	SNA
3	6003-000010	SH/COV+SH/BTM	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SA
3	BH96-00280A	CIS	ASSY MISC P-SHIELD COVER	LE19IS,SECC T0.5,AL T0.25	SNA
2	BH91-00969P	-	ASSY CHASSIS-SC	LEO	SNA
2	BH92-01068A	-	ASSY P/MATERIAL	LE19IS	SNA
3	0203-001102	P/M	TAPE-OPP MASKING	OPP-2,T0.05,W100,L400M,CLR	SNA
3	6902-000001	P/M	BAG AIR	LDPE,T0.2,L1800,W1000,TRP,,,LDPE ONLY	SNA
3	6902-000108	P/M	BAG PE	HDPE,T0.015,L1100,W1120,TRP,28,4,PE MARK	SNA
3	6902-000379	P/M	BAG AIR	HDPE,T0.2,L1800,W1000,TRP,,,PAPER	SNA
3	6902-000609	P/M	BAG ROLL	LDPE,T0.05,W2400,L1000,TRP,-,-	SNA
3	BH69-00565A	P/M	CUSHION	LE19IS,EPS M50,DF	SNA
3	BH69-40380A	P/M	PACKING-PAD	DW-2,500X2200X200,-,CGK5527	SNA
2	BH92-01160B	-	ASSY LABEL	LEO	SNA
3	BH68-00565A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90*65,BLK,POLYESTER,NO SILK	SNA
2	BH92-01162W	-	ASSY ACCESSORY	LEO	SNA
3	BH96-00297W	UNIT/ACCESSORY	ASSY ACCESSORY	LEO	SNA
4	0203-000214	ACCESSORY	TAPE-OPP MASKING	OPP/W50/CLR,T0.05,W50,L400000,	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
4	AA68-40065B	ACCESSORY	CARD-01,REGISTRATION	,SEA,A5,ENG,A/P220,2P(SIDES),4	SNA
4	BH39-10339X	ACCESSORY	CBF POWER CORD	DET,SVT,125V/7A,BLK,1830,WALL(ST),MSP-33,MSC-30	SA
4	BH68-00261F	ACCESSORY	CARD WARRANTY-03	SyncMaster14-1,ADC,MOJO180G,E/F,USA	SNA
4	BH68-00261R	ACCESSORY	MANUAL-00	3 MONTHS CRM CARD,SECA,E/F,CANADA,MOJO120G,173,234	SNA
4	BH68-00344C	ACCESSORY	CARD WARRANTY-00	SECA W'TY & CRM CARD,SECA,MOJO100G,E/F,CANADA	SNA
4	BH68-70033A	ACCESSORY	CARD-WARRANTY(BLOC)-01	ALL,SEA/SECA,USA/CANADA	SNA
4	BH96-00296A	ACCESSORY	ASSY MANUAL P-IB+QSG	795DF,SyncMaster,W/W,27Lang,BH59-362A+BH68-376J	SNA
5	BH59-00362A	I/B	S/W DRIVER-00,IB	793S,795DF,W/W,SYNCMASTER,27LANG	SNA
5	BH68-00376J	QUICK	MANUAL-01	AN_QUICK SETUP GUIDE,SYNCMASTER,E/F/S/G/P/I..14LANGS,W/W,MOJO100G,298,420	SNA
2	BH92-01163A	-	ASSY BOX	LEO	SNA
3	BH68-00530B	BOX	LABEL BOX-01	LABEL-BARCODE,CE+3Y W/T+TCO03,MOJO 90G,WHT	SNA
3	BH69-00572A	BOX	BOX-MONITOR(CDT)	S/M997DF(LE19IS),W/W,DW3,YEL,A-1,W542*D592*H477	SNA

7-3-1 LE19IT Main PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
0	LE19ITBB/EDC				
1	ST-LE19ITBB/EDC	-	1	SDI,HIGH-CON(DF-T)	-
3	BH94-00976A	-	ASSY PCB MAIN-ST	LE19IS,EDC	SNA
4	2306-000147	C414	C-FILM,LEAD-PPF	1uF,5%,250V,BK,26x24x15,22.5mm	SA
4	2306-000263	C452	C-FILM,LEAD-PPF	770nF,5%,250V,BK,26x21.5x13.5,	SA
4	2301-001195	C601	C-FILM,LEAD-PPF	150nF,10%,275VAC,BK,26x16.5x7,	SA
4	2301-001195	C602	C-FILM,LEAD-PPF	150nF,10%,275VAC,BK,26x16.5x7,	SA
4	2401-003619	C605	C-AL	270uF,20%,450V,GP,BK,25.4x50mm,10	SA
4	BH63-00134A	CIS1	SHIELD-BOTTOM	LE17KS,SECC,T1.0	SNA
4	BH63-00124A	CIS2	SHIELD-IC	LE17KS,SPTE,T0.2	SNA
4	BH63-00143A	CIS3	COVER-PCB R	LE17KS,ABS PC,IV16	SNA
4	BH63-00144A	CIS4	COVER-PCB L	LE17KS,ABS PC,IV16	SNA
4	BH68-00001A	CIS40	LABEL-MARK CDT	ART-PAPER100G,-,WHT,BLK,-,ALL,CDT	SNA
4	0204-002426	CIS6	FLUX	DF-201TVS,MIX,0.820,FLUX13%,14KG,-	SNA
4	0204-002420	CIS7	SOLVENT	1M-1000,C3H70H,96,-,-	SNA
4	3711-003895	CN201	CONNECTOR-HEADER	BOX,13P,1R,2mm,STRAIGHT,SN	SA
4	3711-003843	CN202	CONNECTOR-HEADER	BOX,8P,1R,2mm,STRAIGHT,SN	SA
4	3711-004484	CN203	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
4	3711-000885	CN321	CONNECTOR-HEADER	3WALL,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-005055	CN401	CONNECTOR-HEADER	1WALL,4P,1R,10MM/8.0MM,STRAIGHT,SN-PB,WHT	SA
4	3721-001053	CN601	PLUG-AC POWER	3P,-,-,NI	SNA
4	3301-000130	CORE_1	CORE-FERRITE	AC,23.5x9.4x12.6mm,1500,2800G	SNA
4	3301-001264	CORE_2	CORE-FERRITE	AC,18.2X9.7X28.2MM,1500,2800GAUSS	SNA
4	0402-001441	D403	DIODE-RECTIFIER	-,40V,3A,DO-201AD,BK	SA
4	0402-001295	D505	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	SA
4	0402-001295	D507	DIODE-RECTIFIER	GUR460L-5700,600V,4A,DO-201AD,BK	SA
4	0402-001227	D601	DIODE-BRIDGE	D3SBA60,600V,2.3A,SIP-4,BK	SA
4	0402-000005	D626	DIODE-RECTIFIER	31DF4,400V,3A,DO-201AD,BK	SA
4	6003-000122	FBT+H/S	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(YEL),SWRCH18	SNA
4	3601-001303	FH1	FUSE-RADIAL LEAD	250V,4A,TIME-LAG,CERAMIC,5X20MM	SA
4	6502-000127	HS601_CLAMP1	CABLE CLAMP	DAWH-18NB,ID15,-,NYLON66,NTR	SNA
4	6502-001058	HS601_CLMAP2	CABLE CLAMP	DAWH-50N,ID16.6,-,NYLON6/6,NTR	SNA
4	3704-001071	IC201_SOCKET	SOCKET-IC	42P,DIP,SN,1.778mm	SA
4	1204-002259	IC401	IC-DEF. PROCESSOR	STV9118,SDIP,32P,27.94x8.89mm,PLASTIC,13.2V,-,0to+70C,ST,IC-DEF. PROCESSOR	SNA
4	1203-003240	IC621	IC-POSI.FIXED REG.	L78M05,IPAK,3P,6.5x6.1mm,PLASTIC,4.75/5.25V,-,0to+150C,0.5A,-,ST	SA
4	1203-000165	IC622	IC-POSI.ADJUST REG.	78R12,TO-220,4P,-,PLASTIC,11.7/12.3V,1.5W,-20TO+80C,1A,-,ST	SA
4	BH27-00134A	L411	COIL CHOKE	100UH,CDTM0,100UH,10%,0.20HM,5.0A,AR8X25,60.5TS,18X40MM,11MM,USTC0.12X20,TR,-10C	SA
4	BH27-00150A	L441	COIL LINEARITY	HL-1527C,5.2uH,YL8115X27.5,11mm,18x17x55mm,15©™%6.5t°æ0.5t,22T/1000T,BK,20%,0.0	⚠ SNA
4	BH27-00061A	L601	COIL FILTER	-,33.0mH,0.1ohm,72Ts,28.*28,-,BK,SQE-2828,3A,-,-	SA
4	6003-001023	M/PCB+SH/BTM	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
4	0505-001689	Q401	FET-SILICON	IRFU210B,N,200V,2.7A,1.5OHM,2.5W,I-PAK	SA
4	0505-001689	Q561	FET-SILICON	IRFU210B,N,200V,2.7A,1.5OHM,2.5W,I-PAK	SA
4	2005-001163	R409	R-WIRE WOUND,NON	0.68ohm,1%,3W,AA,TP,5.5x15mm	SA
4	2003-000695	R414	R-METAL OXIDE(S)	430ohm,5%,3W,AA,TP,6x16mm	SA
4	3501-001111	RL601	RELAY-POWER	12VDC,250MW,5000MA,1FORMA,15MS,5MS	SA
4	6003-000133	SH/BTM+AC/SOCK	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(YEL),SWRCH18A,-	SNA
4	BH39-00453A	SIGNAL_CABLE	CBF SIGNAL	LE19IS,15P/06P,08P,20276-N1,1830mm,UL20276,BLACK,D-SUB/MALE,AWG28/30,30V,ATT. TY	SNA
4	BH26-00090B	T401	TRANS HORIZ.DRIVE	EI-1916,AN19J,7P,35.0MH,185TS/13TS/95TS,73.0UH,7.5/0.05OHM,PL3,EI-1916,170UH MAX	⚠ SA
4	BH26-00174A	T411	TRANS-H PULSE	ER-2828,LE19IS,10P,500uH,0.70uH,0.2/0.030,PL-,DMR30,ER-2828,230uH,BK	SNA
4	BH26-00084A	T501	TRANS FBT	FQM19A005,PS17N0,122UH,SM19C,FUR3757SU,113.2MOHM,80,14P,-10~+60,BK,27KV	⚠ SA
4	BH26-00086A	T561	TRANS-FOCUS	EE1916,5P,2.0MH MIN,290MH MIN,0.85OHM/32.0OHM,EE1916(PL3,SL-2),EE19*16,23.0UH MA	⚠ SA
4	BH26-00172A	T601	TRANS SWITCHING	LE19IS,90~264V,FERRITE,ER-3942	SNA
4	BH26-00163A	T602	TRANS	UU-1116,CU17K,5,18mH min,18mH min,2.7ohm MAX,10 ~ 55,FERRITE,UU-1116 SB-5S	SA
4	1404-001264	TH601	THERMISTOR-PTC	4.5OHM,+30/-20%,220V,290VAC,21A,-,TR	SA
4	1404-001020	TH602	THERMISTOR-NTC	8ohm,15%,-,17mW/C,BK	SA
4	BH96-00285A	HS490	ASSY HEAT SINK P	BH62-00055A,SPRING,J6920,FFAF10U170S,2SK2761,OIL SILICON	SNA
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	0402-001520	H/S	DIODE-RECTIFIER	FFAF10U170S,1700V,10A,DO-201AD,ST	SA
5	0502-001259	H/S	TR-POWER	FJAF6920A,NPN,60000mW,TO-3PF,ST,6-9	SA
5	0505-001266	H/S	FET-SILICON	2SK2761-01MR,N,600V,10A,0.85oh	SA
5	BH61-70003A	H/S	SPRING ETC	CVT4857,STS304-W1/2H,W3.8,-,L30,L30,-,T0.5,DEGRE,W3.8,STS304-W1/2H	SNA
5	BH62-00055A	H/S	HEAT SINK-PS	NEO,A1050S,2.0,80,100	SNA
4	BH97-00505C	MICOM	ASSY MICOM	LE19IS	SA
5	0903-001194	IC201	IC-MICROCONTROLLER	3P863,8Bit,SDIP,42P,600MIL,12MHz,ST,CMOS,PLASTIC,5V,-,-40to+85C,1040BYTE,48KBYTE	SNA
5	BH82-00020J	CIS	A/S MICOM	LE19IS	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	BH97-00508A	-	ASSY AUTO-(MAIN)ST	LE19IS	SNA
5	3301-000011	BD201	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD202	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD203	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD402	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD411	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD412	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD431	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-000011	BD501	BEAD-AXIAL	,3.5x1.0x5.7mm,,BK,,,	SA
5	3301-001450	BD601	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	2201-000119	C201	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-000050	C202	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	SA
5	2201-000389	C203	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2201-000389	C204	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2201-000144	C205	C-CERAMIC,DISC	0.1NF,5%,50V,C0G,TP,8.5X3MM,5	SA
5	2201-000017	C206	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	2201-000374	C207	C-CERAMIC,DISC	0.22NF,5%,50V,C0G,TP,10.5X3MM,5	SA
5	2401-000603	C208	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C209	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C210	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000603	C211	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2201-000389	C212	C-CERAMIC,DISC	0.022NF,5%,50V,C0G,TP,5X3MM,5	SA
5	2401-002075	C260	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	SA
5	2401-002463	C301	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2301-000174	C302	C-FILM,LEAD-PEF	15nF,5%,100V,TP,7.2x4.0x7.5mm,	SA
5	2301-000148	C303	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2401-000852	C304	C-AL	220uF,20%,35V,GP,TP,8x11.5mm,5	SA
5	2305-000004	C305	C-FILM,LEAD-PEF	220nF,10%,100V,TP,12.7x16,5mm	SA
5	2301-000010	C306	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-002463	C307	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2401-001914	C309	C-AL	1uF,20%,50V,BP,TP,5x11,5	SA
5	2301-000148	C310	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2301-000188	C312	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2201-000119	C321	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-000025	C322	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2301-000168	C331	C-FILM,LEAD-PEF	150nF,5%,100V,TP,11.5x19mm,7.5	SA
5	2305-000237	C332	C-FILM,LEAD-PEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	SA
5	2401-000031	C333	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2401-000050	C401	C-AL	10uF,20%,16V,GP,TP,5x11,2.5	SA
5	2401-001218	C402	C-AL	4.7uF,20%,100V,WT,TP,5x11,5	SA
5	2301-000010	C403	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2301-000020	C404	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA
5	2301-001441	C405	C-FILM,LEAD-PPF	2nF,3%,1.6kV,TP,20x2.5x11mm,7.5	⚠ SA
5	2309-000106	C406	C-FILM,LEAD-OTHER	2.2nF,5%,1.6KV,TP,23x16x9,7.5m	⚠ SA
5	2401-003826	C411	C-AL	220UF,20%,63V,LR,TP,10X25MM,5	SA
5	2201-000285	C412	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2201-000012	C413	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000003	C415	C-CERAMIC,DISC	0.068NF,10%,2KV,SL,TP,7X5MM,5	SA
5	2201-000732	C417	C-CERAMIC,DISC	0.68NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2401-002463	C431	C-AL	470uF,20%,16V,GP,TP,8x11.5,5	SA
5	2305-000665	C432	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2301-000148	C433	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2202-000573	C434	C-CERAMIC,MLC-RADIAL	0.82NF,5%,50V,C0G,TP,5.1X3.2X5.1MM,5	SA
5	2301-000020	C435	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA
5	2401-002075	C436	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	SA
5	2401-000603	C437	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2401-000031	C438	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2301-000188	C439	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2301-000004	C440	C-FILM,LEAD-PEF	2.2nF,5%,100V,TP,5.5X10X2.9,5m	SA
5	2301-000106	C441	C-FILM,LEAD-PEF	1.5nF,0.05,100V,TP,10.5*12.5*6	SA
5	2301-000016	C442	C-FILM,LEAD-PEF	22nF,5%,100V,TP,7.2x4.5x9.0mm,	SA
5	2301-000168	C443	C-FILM,LEAD-PEF	150nF,5%,100V,TP,11.5x19mm,7.5	SA
5	2301-000188	C444	C-FILM,LEAD-PEF	1nF,5%,100V,TP,10.5x12.5x6.5,5	SA
5	2301-001249	C451	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2306-000006	C453	C-FILM,LEAD-PPF	330nF,5%,250V,TP,20x18.5x10.5,	SA
5	2306-000131	C454	C-FILM,LEAD-PPF	150nF,5%,250V,TP,19x16x7.5,7.5	SA
5	2301-001249	C455	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA
5	2301-001067	C456	C-FILM,LEAD-PPF	82nF,5%,400V,TP,19x15.5x7,7.5	SA
5	2301-001249	C457	C-FILM,LEAD-PPF	68nF,5%,400V,TP,19x7x15mm,7.5	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2201-000291	C458	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,7.5X3.5MM,5	SA
5	2401-000603	C459	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2202-000654	C460	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	SA
5	2301-000294	C501	C-FILM,LEAD-PEF	56nF,5%,100V,TP,9.5x12.5mm,5mm	SA
5	2301-000013	C502	C-FILM,LEAD-PEF	4.7nF,5%,100V,TP,10.5x12.5x6.5	SA
5	2301-000312	C503	C-FILM,LEAD-PEF	8.2nF,5%,100V,TP,6x12.5mm,5mm	SA
5	2401-000025	C504	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2201-000163	C505	C-CERAMIC,DISC	10NF,+80-20%,50V,Y5V,TP,7X3MM,2.5	SA
5	2305-000237	C506	C-FILM,LEAD-PEF	1uF,5%,63V,TP,7.5x15.5mm,5mm	SA
5	2202-000654	C507	C-CERAMIC,MLC-RADIAL	100nF,10%,50V,X7R,TP,5.1x6.6x3.2mm,5	SA
5	2401-000025	C508	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000025	C509	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2305-000412	C510	C-FILM,LEAD-PEF	470nF,5%,63V,TP,-,5mm	SA
5	2303-000102	C511	C-FILM,LEAD-PEF	1.2nF,5%,1.6KV,TP,23*16*7.5,7.	SA
5	2201-000012	C512	C-CERAMIC,DISC	0.22NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2401-000058	C513	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2401-000031	C521	C-AL	47uF,20%,16V,GP,TP,5x11,5	SA
5	2202-002009	C530	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-000638	C531	C-AL	2.2uF,20%,350V,WT,TP,10x12.5mm	SA
5	2401-001576	C532	C-AL	47uF,20%,50V,GP,TP,8x11.5,5	SA
5	2401-002267	C533	C-AL	2.2uF,20%,250V,GP,TP,8x11.5,5	SA
5	2301-000213	C534	C-FILM,LEAD-PEF	220nF,5%,250V,TP,21.5x11,7.5	SA
5	2301-001480	C535	C-FILM,LEAD-PEF	2000NF,5%,100V,TP,17X16.5X9.5,7.5	SA
5	2401-001026	C536	C-AL	3.3UF,20%,50V,GP,TP,5X11,5	SA
5	2401-002300	C537	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	SA
5	2305-000428	C541	C-FILM,LEAD-PEF	47nF,5%,250V,TP,11x9x4.5,5mm	SA
5	2401-000480	C551	C-AL	10uF,20%,50V,GP,TP,5x11,5	SA
5	2201-000129	C552	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000285	C561	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2201-000285	C562	C-CERAMIC,DISC	1NF,10%,1KV,Y5P,TP,8X5MM,5	SA
5	2306-001011	C563	C-FILM,LEAD-PPF	56nF,5%,250V,TP,19x7.5x14.5,7.	SA
5	2301-000020	C564	C-FILM,LEAD-PEF	27nF,5%,100V,TP,7.3x4x12.5mm,5	SA
5	2301-000148	C565	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2201-000023	C603	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2201-000023	C604	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2401-000970	C606	C-AL	22uF,20%,50V,WT,TP,5x11,5	SA
5	2202-002009	C607	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000325	C608	C-CERAMIC,DISC	2.2NF,10%,500V,Y5P,TP,9.5X4MM,5	SA
5	2201-000129	C609	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000017	C610	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	2401-000611	C611	C-AL	1uF,20%,50V,WT,TP,5x11,5	SA
5	2305-000149	C613	C-FILM,LEAD-PEF	100nF,5%,100V,TP,12x12.5x6.5,5	SA
5	2301-000284	C614	C-FILM,LEAD-PEF	47nF,5%,100V,TP,8.5x12.5mm,5mm	SA
5	2401-001585	C615	C-AL	47uF,20%,50V,WT,TP,8x11.5,5	SA
5	2202-002009	C616	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000023	C617	C-CERAMIC,DISC	2.2NF,20%,250V,Y5U,TP,11X7MM,5	SA
5	2401-000015	C618	C-AL	33uF,20%,50V,WT,-,6.3x11mm,2.5	SA
5	2201-000291	C619	C-CERAMIC,DISC	1NF,10%,500V,Y5P,TP,7.5X3.5MM,5	SA
5	2305-000178	C621	C-FILM,LEAD-PEF	10nF,5%,100V,TP,-,5mm	SA
5	2401-000039	C622	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000025	C623	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000010	C624	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000010	C625	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000010	C626	C-AL	220uF,20%,16V,GP,-,6.3x11mm,2.	SA
5	2401-000039	C627	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000058	C628	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2401-003826	C629	C-AL	220UF,20%,63V,LR,TP,10X25MM,5	SA
5	2201-000732	C630	C-CERAMIC,DISC	0.68NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2401-000039	C631	C-AL	1000uF,20%,16V,GP,TP,10x16,5	SA
5	2401-000058	C633	C-AL	220uF,20%,100V,GP,TP,12.5x25,5	SA
5	2201-000017	C634	C-CERAMIC,DISC	1NF,10%,50V,Y5P,TP,5X3.5MM,5	SA
5	0203-001600	CIS10	TAPE-PAPER	#53128,0.15,5.5,2000M,BEIGE	SNA
5	0203-001599	CIS9	TAPE-KRAFT	#53110,0.1,6,2000M,BRN	SNA
5	BH71-40300A	CN420	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	CN421	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	3711-000217	CN602	CONNECTOR-HEADER	1WALL,2P,1R,7.92MM,STRAIGHT,SN,NTR	SA
5	0401-000005	D201	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D251	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D252	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	0402-000274	D301	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000005	D401	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D402	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001118	D411	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AC,TP	SA
5	0402-000274	D412	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000004	D441	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0402-000274	D451	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0401-000005	D501	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D502	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D504	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D506	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D508	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D509	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000274	D510	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000012	D531	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000274	D532	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000017	D533	DIODE-RECTIFIER	RGP02-12,1.2KV,0.5A,DO-204AL,TP	SA
5	0401-000005	D541	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001114	D542	DIODE-RECTIFIER	1N4936GP,400V,1A,DO-201AD,TP	SA
5	0402-000546	D543	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	D544	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D551	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-000012	D603	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000012	D604	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	SA
5	0402-000546	D605	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	D606	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0401-000005	D607	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D608	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	D621	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0402-001194	D622	DIODE-RECTIFIER	UG2D,200V,2A,-,TP	SA
5	0402-000274	D623	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-000274	D624	DIODE-RECTIFIER	UF4004,400V,1A,DO-41,TP	SA
5	0402-001194	D627	DIODE-RECTIFIER	UG2D,200V,2A,-,TP	SA
5	0402-001118	D628	DIODE-RECTIFIER	UF1G,400V,1.2A,DO-204AC,TP	SA
5	6042-000001	EY301	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY302	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY401	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY402	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY403	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY404	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY405	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY411	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY415	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY422	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY423	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY454	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY455	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY501	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY502	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY503	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY504	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY505	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY506	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY507	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY601	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY602	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY603	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY604	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY605	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY606	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY607	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY608	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY621	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY622	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY623	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	BH71-40300A	GT401	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT402	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT601	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	GT602	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	1103-001150	IC241	IC-EEPROM	24C081,1Kx8,DIP,8P,9.2x6.4mm,2.7/5.5V,-25to+70C	SA
5	1203-000610	IC501	IC-PWM CONTROLLER	494,DIP,16P,300MIL,PLASTIC,40V,1W,0TO+70C,250MA,4.75/5.25V,ST	SA
5	BH39-40305U	JP_DHH	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP1	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP10	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP11	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP12	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP13	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP14	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP15	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP16	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP17	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP18	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP19	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP20	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP21	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP22	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP23	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP24	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP25	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP26	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP27	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP28	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP29	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP3	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP30	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP31	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP32	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP33	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP34	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP35	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP36	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP37	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP38	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP39	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP4	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP40	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP41	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP42	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP43	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP44	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP45	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP46	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP47	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP48	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP49	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP5	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP50	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP51	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP52	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP53	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP54	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP57	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP58	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP60	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP61	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP62	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP63	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP64	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP65	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP66	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP67	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP68	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP69	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP7	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP70	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP71	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP72	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP73	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	BH39-40305U	JP74	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP75	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP76	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP77	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP78	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP79	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP8	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP80	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP82	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP83	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP9	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2701-000189	L218	INDUCTOR-AXIAL	0.47UH,10%,2534	SA
5	2701-000116	L501	INDUCTOR-AXIAL	10UH,10%,4298	SA
5	BH41-00270A	MP1.0	PCB MAIN	LE19IS,FR-1,1,1.0,1.6T,247*247,LE19,MAIN	SNA
5	0501-000122	Q321	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000581	Q322	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	SA
5	0501-000586	Q323	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q403	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000303	Q404	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q411	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000303	Q412	TR-SMALL SIGNAL	KSA733,PNP,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q455	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q456	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q457	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q458	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000404	Q459	TR-SMALL SIGNAL	KSD1616-Y,NPN,750mW,TO-92,TP,135-270	SA
5	0501-000122	Q502	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000581	Q503	TR-SMALL SIGNAL	2N3906,PNP,625mW,TO-92,TP,100-300	SA
5	0501-000122	Q523	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000586	Q541	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000143	Q542	TR-SMALL SIGNAL	2N6520,PNP,625mW,TO-92,TP,30-200	SA
5	0501-000413	Q551	TR-SMALL SIGNAL	KSP44,NPN,625mW,TO-92,TP,50-200	SA
5	0501-000122	Q601	TR-SMALL SIGNAL	2N3904,NPN,625mW,TO-92,TP,100-300	SA
5	0501-000404	Q604	TR-SMALL SIGNAL	KSD1616-Y,NPN,750mW,TO-92,TP,135-270	SA
5	0501-000010	Q621	TR-SMALL SIGNAL	KSC1008,NPN,800mW,TO-92,TP,120-240	SA
5	0501-000586	Q622	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000586	Q624	TR-SMALL SIGNAL	KSC945,NPN,250mW,TO-92,TP,120-240	SA
5	0501-000321	Q625	TR-SMALL SIGNAL	KSB1116-Y,PNP,750mW,TO-92,TP,135-270	SA
5	2001-000429	R201	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R202	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R203	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R204	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R205	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R206	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000800	R207	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000739	R208	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R209	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R210	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R211	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R212	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R213	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R214	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R215	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000006	R216	R-CARBON	2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000006	R217	R-CARBON	2.4KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000793	R218	R-CARBON	47OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R219	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R220	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R221	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R222	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R223	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R224	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R227	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000435	R228	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000435	R229	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R230	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000554	R231	R-CARBON	270OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000869	R232	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000869	R233	R-CARBON	56OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	2001-000281	R234	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R235	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R236	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R241	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R242	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R243	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R244	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000977	R301	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-000216	R302	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000616	R304	R-METAL	24Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-001078	R305	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001005	R306	R-METAL	5.1Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-004038	R307	R-METAL	4.3Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2004-004231	R308	R-METAL(S)	2.4OHM,1%,1/2W,AA,TP,3.3X9MM	SA
5	2004-001391	R309	R-METAL(S)	2.2ohm,1%,1/2W,AA,TP,2.4x6.4mm	SA
5	2001-000037	R310	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000290	R311	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001053	R312	R-CARBON(S)	1.5OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000977	R313	R-CARBON	8.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R321	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R322	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000302	R323	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000864	R324	R-CARBON	56KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000042	R325	R-CARBON	1KOHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000281	R326	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001079	R327	R-CARBON(S)	15OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001079	R328	R-CARBON(S)	15OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000319	R401	R-CARBON	120KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000221	R402	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000221	R403	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000490	R404	R-CARBON	200OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000739	R405	R-CARBON	4.7MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000052	R406	R-CARBON(S)	3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001078	R407	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000608	R408	R-METAL OXIDE(S)	270ohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000763	R410	R-METAL OXIDE(S)	6.8ohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000468	R411	R-METAL OXIDE(S)	10ohm,5%,1W,AA,TP,3.3x9mm	SA
5	2001-000008	R412	R-CARBON	15KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000005	R413	R-METAL OXIDE(S)	1ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000107	R415	R-CARBON(S)	150KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2004-001118	R431	R-METAL	5Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000449	R432	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-004367	R433	R-METAL	90Kohm,1%,1/4W,AA,TP,6.2x2.6mm	SA
5	2001-000449	R434	R-CARBON	2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000010	R435	R-CARBON	68KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000356	R436	R-CARBON	150KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001230	R437	R-METAL	75Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000657	R438	R-METAL	27Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-000412	R439	R-METAL	18Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000890	R440	R-CARBON	6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000577	R441	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000563	R442	R-CARBON	27KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R451	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R452	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R453	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R454	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R455	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R456	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R457	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000411	R458	R-CARBON	18KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R459	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R460	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R461	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R462	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000450	R463	R-METAL OXIDE(S)	100Kohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000541	R464	R-METAL OXIDE(S)	1Kohm,5%,3W,AA,TP,6x16mm	SA
5	2003-000671	R465	R-METAL OXIDE(S)	390ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000290	R467	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000514	R468	R-METAL OXIDE(S)	15ohm,5%,2W,AA,TP,4x12mm	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	BH39-40305U	R469	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2001-000241	R501	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R502	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000812	R503	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000689	R504	R-CARBON	390KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000786	R505	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	R506	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R507	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R509	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000241	R510	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001153	R511	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001144	R512	R-CARBON(S)	4.7KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2005-001172	R513	R-WIRE WOUND,NON	0.6ohm,5%,3W,AA,TP,5.5x15mm	SA
5	2003-000432	R515	R-METAL OXIDE(S)	1.5Kohm,5%,3W,AA,TP,6x16mm	SA
5	2004-001005	R516	R-METAL	5.1Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2001-000878	R520	R-CARBON	6.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000800	R521	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001136	R522	R-METAL	6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m	SA
5	2001-000734	R523	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-001298	R526	R-METAL	82Kohm,2%,1/4W,AA,TP,2.4x6.4mm	⚠ SA
5	2001-000429	R530	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000073	R531	R-CARBON	33KOHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2004-000781	R532	R-METAL	330Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2004-000560	R533	R-METAL	220Kohm,1%,1/4W,AA,TP,2.4x6.4m	⚠ SA
5	2001-000800	R534	R-CARBON	5.1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2004-000252	R535	R-METAL	11Kohm,1%,1/4W,AA,TP,2.4x6.4mm	⚠ SA
5	2001-000591	R541	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R542	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2002-001091	R543	R-COMPOSITION	270KOHM,5%,1/2W,AA,TP,3X9MM	SA
5	2002-001062	R544	R-COMPOSITION	150Kohm,2%,1/2W,AA,TP,3.9x9mm	SA
5	2002-000121	R545	R-COMPOSITION	1Mohm,10%,1/2W,AA,TP,3.5x9.5mm	SA
5	2001-000734	R550	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R551	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000331	R553	R-CARBON	12KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R554	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R555	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2002-001079	R556	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	SA
5	2002-001079	R557	R-COMPOSITION	470Kohm,5%,1/2W,AA,TP,4x10mm	SA
5	2001-000114	R558	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000114	R559	R-CARBON(S)	180KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000514	R561	R-METAL OXIDE(S)	15ohm,5%,2W,AA,TP,4x12mm	SA
5	2001-000221	R562	R-CARBON	1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	R601	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001129	R602	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2003-000738	R603	R-METAL OXIDE(S)	56Kohm,5%,2W,AA,TP,4x12mm	SA
5	2003-000014	R604	R-METAL OXIDE(S)	10Kohm,5%,3W,AA,TP,6x16mm	SA
5	2002-001103	R605	R-COMPOSITION	300Kohm,5%,1/2W,AA,TP,3.7x10.0mm	SA
5	2002-001103	R606	R-COMPOSITION	300Kohm,5%,1/2W,AA,TP,3.7x10.0mm	SA
5	2001-001116	R607	R-CARBON(S)	27OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000734	R608	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000780	R609	R-CARBON	470OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000281	R610	R-CARBON	100OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	BH39-40305U	R611	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2001-000023	R621	R-CARBON	47OHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000027	R622	R-CARBON	100OHM,5%,1/4W,AA,TP,2.4X6.4MM	SA
5	2001-000613	R623	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000857	R624	R-CARBON	560OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R626	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000290	R627	R-CARBON	10KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000472	R628	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000786	R629	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2003-000473	R631	R-METAL OXIDE(S)	10ohm,5%,3W,AA,TP,6x16mm	SA
5	2001-001108	R632	R-CARBON(S)	22KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000613	R634	R-CARBON	3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	4715-001055	SK531	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
5	6042-000002	TP501	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	2801-000006	X201	CRYSTAL-UNIT	12MHz,50ppm,28-AAM,S,35ohm,BK	SA
5	0403-000337	ZD201	DIODE-ZENER	UZ24BH,24.26-25.52V,500MW,DO-35,TP	SA
5	0403-001068	ZD202	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	0403-000361	ZD221	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD222	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD223	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD224	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD225	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000361	ZD501	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-001167	ZD541	DIODE-ZENER	MTZJ30D,29.02-30.51V,500MW,DO-34,TP	SA
5	0403-001221	ZD542	DIODE-ZENER	UZ39BSB,35.36-37.19V,500MW,DO-34,TP	SA
5	0403-001068	ZD543	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA
5	0403-001221	ZD601	DIODE-ZENER	UZ39BSB,35.36-37.19V,500MW,DO-34,TP	SA
5	0403-000361	ZD602	DIODE-ZENER	UZ6.2BSB,5.96-6.27V,500MW,DO-34,TP	SA
4	BH99-00030F	HS422	ASSY HEAT/SINK	HS TR,SCREW+NUT,IRFS630B(4),OIL SILICON	SNA
5	0205-001154	CIS	OIL-SILICON	G746,-,-	SNA
5	0505-001716	CIS	FET-SILICON	IRFS630B,N,200V,9A,0.4OHM,38W,TO-220F	SA
5	6006-001008	CIS	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
5	6021-000118	CIS	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
5	BH62-00044A	CIS	HEAT SINK-TR	AQ19FS,A1050S,T2.0,20,55,-,-,-	SNA
4	BH99-10019H	HS411	ASSY HEAT/SINK	H/S TR,SCREW+NUT,IRF634A,-,-,OIL SILICON,-,-	SNA
5	0205-001154	CIS	OIL-SILICON	G746,-,-	SNA
5	0505-001181	CIS	FET-SILICON	IRF634A,N,250V,8.1A,450mohm,74	SA
5	6006-001008	CIS	SCREW-ASS'Y MACH	WSP,BH,+,M3,L10,ZPC(YEL),SWRCH	SNA
5	6021-000118	CIS	NUT-HEXAGON	1C,M3,ZPC(YEL),SM20C	SNA
5	BH62-30024B	CIS	HEAT SINK-IC	SPC-1,T1,SN COATING,-	SNA
4	BN61-01137A	CIS16	SUPPORT-CLIP	IBM E74,NYLON 66,1.0,NTR	SNA
4	BP96-00065B	HS301	ASSY HEAT SINK P	BH62-00003B,SCREW,STV9325,OIL SILICON	SNA
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	1204-002262	H/S	IC-VERTICAL DEF.	STV9325,HEPTAWATT,7P,15.45x10.22mm,PLASTIC,35V,-,-40to+150C,ST,IC-VERTICAL DEF.	SNA
5	6003-000334	H/S	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	SNA
5	BH62-00003B	H/S	HEAT SINK-VERT	A1050S,T1.0,T1.0,-,DA,DB	SNA
4	BP96-00075D	HS601	ASSY HEAT SINK P	BH62-00052A,SPRING,8SA0965,SILICON RUBBER	SNA
5	BH13-00049A	H/S	IC HYBRID	FS8S0965RCB(DP906C),LE19IS,5,-25 to 85,TO-220(FORMING),35,ST	SA
5	BH61-00004A	H/S	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,T0.5,-,-,-	SNA
5	BH62-00052A	H/S	HEAT SINK-POWER	M782,A1050S,T1.0,W25,L55,-,BH62,-	SNA
5	BH62-20001B	H/S	TUBE-RUBBER	CSQ4357,W25*L20*T0.45,-,-,-,-	SNA

7-3-2 LE19IT Video PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
3	BH94-00978A	-	ASSY PCB VIDEO-ST	LE19IS	SNA
4	6003-001023	-	SCREW-TAPTITE	RWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SNA
4	BH39-00386A	CIS	CBF-GROUND ASS'Y	MS17J0,8*0.16*16TA,1P/2P,80MM,35750-1010,EARTH PLATE CLIP,BK,8*0.16*16TA	SA
4	BH63-00131A	CIS1	SHIELD-VIDEO	LE17KS,SPTE,T0.2	SNA
4	0204-002426	CIS3	FLUX	DF-201TVS,MIX,0.820,FLUX13%,14KG,-	SNA
4	0204-002420	CIS4	SOLVENT	1M-1000,C3H70H,96,-,-	SNA
4	BH68-00001A	CIS40	LABEL-MARK CDT	ART-PAPER100G,-,WHT,BLK,-,ALL,CDT	SNA
4	3711-004236	CN101	CONNECTOR-HEADER	BOX,6P,1R,2MM,STRAIGHT,SN	SNA
4	BH39-00015A	CN102	CBF-HARNESS	13P/14P,200MM,WHT/BLK/RED/BLU,UL1007,AWG26,SMH200-13/YBNH200-14	SA
4	BH13-00050A	IC102	IC HYBRID	NT6813K-30031,NT6813K-30031,24P,-55 to +150,240mA,-0.5 to 6V,ST	SA
4	3704-001203	SK101	SOCKET-CRT	9P,29PI,22.5PI,NI+SN,-	SNA
4	BH96-00283B	HS106	ASSY HEAT SINK P	BH62-00054A,SCREW,LM2463,OIL SILICON	SNA
5	0205-001154	H/S	OIL-SILICON	G746,-,-	SNA
5	1201-002116	H/S	IC-VIDEO AMP	LM2463,TO-220,11P,17.5x20.01mm,-,-20,PLASTIC,100V,-,0to70C,-,-,-,-,-,ST	SA
5	6003-000334	H/S	SCREW-TAPTITE	RH,+,2S,M3,L6,ZPC(YEL),SWRCH18	SNA
5	BH62-00054A	H/S	HEAT SINK-PS	LEO,A1050S,2.0,112,25	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	BH97-00510A	-	ASSY AUTO-(VIDEO)ST	LE19IS	SNA
5	3301-001450	BD101	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001450	BD102	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001450	BD104	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	3301-001660	BD105	BEAD-RADIAL	100OHM,3.5X9.0X0.8,50MA,TP,K-150,00HM	SA
5	3301-001450	BD106	BEAD-AXIAL	45ohm,3.5x0.6x5.7mm,50mA,TP,,,	SNA
5	2202-002009	C101	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-000025	C103	C-AL	100uF,20%,16V,GP,TP,6.3x11,5	SA
5	2401-000603	C104	C-AL	1UF,20%,50V,GP,TP,5X11,2	SA
5	2201-000019	C106	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	SA
5	2401-003036	C111	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C112	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-003036	C113	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2201-000119	C114	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2401-003036	C115	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C116	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000148	C117	C-FILM,LEAD-PEF	10nF,5%,100V,TP,7x3.2x7mm,5mm	SA
5	2201-000483	C118	C-CERAMIC,DISC	0.033NF,5%,50V,C0G,TP,5X3.5MM,5	SA
5	2401-003036	C119	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C120	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2401-003036	C121	C-AL	100uF,20%,16V,GP,TP,5X11mm,5mm	SA
5	2202-002009	C122	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	C123	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-000049	C124	C-AL	47uF,20%,100V,WT,TP,10x16,5	SA
5	2202-002009	C125	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2201-000119	C126	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2201-000119	C131	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA
5	2201-000019	C132	C-CERAMIC,DISC	10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5	SA
5	2201-000154	C133	C-CERAMIC,DISC	10NF,+80-20%,2KV,Y5P,TP,20X5MM,7.5	SA
5	2202-000286	C134	C-CERAMIC,MLC-AXIAL	56pF,5%,50V,SL,TP,1.9x3.5,-	SA
5	2202-000286	C135	C-CERAMIC,MLC-AXIAL	56pF,5%,50V,SL,TP,1.9x3.5,-	SA
5	2202-002009	CB01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CB02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CB03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CB04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	2202-002009	CG01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CG02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CG03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CG04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	6502-000001	CIS	CABLE CLAMP	DAWH-5NB,D15,L35,NYLON66,NTR	SNA
5	0203-001599	CIS6	TAPE-KRAFT	#53110,0.1,6,2000M,BRN	SNA
5	0203-001600	CIS7	TAPE-PAPER	#53128,0.15,5.5,2000M,BEIGE	SNA
5	BH71-40300A	CN_G2	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	BH71-40300A	CN_GND	PIN-HINGE	BRASS,D2.36!,HEAT/SINK,SN	SNA
5	2202-002009	CR01	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2202-002009	CR02	C-CERAMIC,MLC-AXIAL	100NF,+80-20%,50V,Y5V,TP,2.3X3.0MM,-	SA
5	2301-000010	CR03	C-FILM,LEAD-PEF	100nF,5%,100V,TP,11.5x12.5mm,5	SA
5	2401-003911	CR04	C-AL	1uF,20%,160V,BP,TP,6.3x11mm,5	SA
5	0401-000005	DB01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DB02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DB03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DB04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DB05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000005	DG01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DG02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DG03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DG04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DG05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000005	DR01	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DR02	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000004	DR03	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DR04	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	0401-000004	DR05	DIODE-SWITCHING	1SS244,220V,200MA,DO-34,TP	SA
5	6042-000001	EY1	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000001	EY2	EYELET	ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY3	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY4	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	6042-000002	EY5	EYELET	ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	SNA
5	BH13-00022A	IC104	IC HYBRID-BIAS CLAMP	LM2480NA,PN15H/17L,8P,0to+70C,DIP,3mA,85V,ST	SA

Level	Loc. No.	Code No.	Description	Specification	Remarks
5	BH39-40305U	JP101	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP102	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP103	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP104	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	BH39-40305U	JP105	CBF HARNESS	52MM,AWG22(0.6PI),-,-,AWG22(0.	SA
5	2701-001062	LB01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LB02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	2701-001062	LG01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LG02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	2701-001062	LR01	INDUCTOR-AXIAL	0.12UH,10%,3070	SA
5	2701-001092	LR02	INDUCTOR-AXIAL	0.07uH,10%,2360	SA
5	BH41-00271A	MP1.0	PCB-VIDEO	LE19IS,FR-1,1,1.0,1.6T,82.3*123.5,LE19,6,VIDEO	SNA
5	2001-000577	R102	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R103	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R105	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R106	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000016	R107	R-CARBON(S)	1OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000435	R111	R-CARBON	1MOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000812	R112	R-CARBON	5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R113	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	R114	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001138	R131	R-CARBON(S)	390OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000037	R132	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000947	R134	R-CARBON	7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000084	R135	R-CARBON	100Kohm,5%,1/4W,AA,TP,2.4x6.4mm	SA
5	2001-000969	RB01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RB02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RB03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001187	RB05	R-CARBON(S)	75OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RB06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RB07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RB08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000969	RG01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RG02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RG03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001199	RG05	R-CARBON(S)	91OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RG06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RG07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RG08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000969	RR01	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000969	RR02	R-CARBON	75OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000429	RR03	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001187	RR05	R-CARBON(S)	75OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000429	RR06	R-CARBON	1KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001129	RR07	R-CARBON(S)	330KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000022	RR08	R-CARBON(S)	33OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	1405-001064	SK104	SURGE ABSORBER	400V,20%,-,-,AXIAL	SA
5	4715-001065	SK105	SURGE ABSORBER	200V,20%,-,-,RADIAL	SNA
5	4715-001055	SK108	SURGE ABSORBER	1kV,+50-10%,-,-,RADIAL	SNA
5	4715-001065	SKB01	SURGE ABSORBER	200V,20%,-,-,RADIAL	SNA
5	4715-000102	SKG01	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
5	4715-000102	SKR01	SURGE ABSORBER	200V,20%,1000A,-,RADIAL	SNA
5	0403-001068	ZD105	DIODE-ZENER	UZ4.7BSA,4.44-4.68V,500MW,DO-34,TP	SA

7-3-3 LE19IT Others

Level	Loc. No.	Code No.	Description	Specification	Remarks
2	BH90-00605B	-	ASSY COVER FRONT	LE19IT,EDC	SNA
3	6003-000009	C/F+C/R	SCREW-TAPTITE	BH,+,B,M4,L16,ZPC(YEL),SWRCH18	SNA
3	6006-001119	C/F+CDT	SCREW-ASS'Y TAPT	WC,BH,+,M5,L25,ZPC(YEL),SWRCH18A	SNA

Level	Loc. No.	Code No.	Description	Specification	Remarks
3	BH96-00279A	C/F	ASSY COVER P-FRONT	LE19IT,ABS HB IV16	SNA
2	BH90-00617B	-	ASSY COVER REAR	LE19IT,EDC	SNA
3	BH63-00137C	C/R	COVER-REAR	LE19IT,ABS HB IV16,SAMTRON	SNA
2	BH90-00628A	-	ASSY STAND	LE19IS,EDC	SNA
3	BH96-00273A	STD	ASSY STAND P	LE19IS,ABS HB IV16	SNA
2	BH91-00843N	-	ASSY CDT-ST	LE19IS	SNA
3	0203-000005	CDT	TAPE-ACETATE	SGT730,T0.26,W19,L3000,BLK	SNA
3	0204-002421	CDT	COMPOUND	KS650N,-,0.9-1.1,1L,20L,-	SNA
3	3302-000006	CDT	MAGNET-RUBBER	AF,14G,1620-1980G,0.58-0.9MGOe	SA
3	3309-000002	CDT	MAGNET-SHEET	5x20x80mm,UL94V-0,2	SA
3	BH03-00047U	CDT	CDT-ST	M46QCK761X216(T4),84,19,0.25,29.1,IFT,H/C,NH,TCO,TILT,4	SA
3	BH68-30003C	CDT	LABEL-00,HIGH,VOLTAGE	SS,ART100G,30*33,YEL	SNA
3	BH96-00294A	CDT	ASSY D-COIL P	19 inch,BH27-00147A,BH96-00288A	SNA
2	BH91-00884A	-	ASSY SHIELD	LE19IS	SNA
3	0201-001059	CIS	ADHESIVE-SIL	#9590,WHT,-,CARTRIGE	SNA
3	6003-000010	SH/COV+SH/BTM	SCREW-TAPTITE	BWH,+,B,M3,L10,ZPC(YEL),SWRCH1	SA
3	BH96-00280A	CIS	ASSY MISC P-SHIELD COVER	LE19IS,SECC T0.5,AL T0.25	SNA
2	BH91-00919A	-	ASSY CHASSIS-ST	LE19IS,EDC	SA
2	BH92-01068A	-	ASSY P/MATERIAL	LE19IS	SNA
3	0203-001102	P/M	TAPE-OPP MASKING	OPP-2,T0.05,W100,L400M,CLR	SNA
3	6902-000001	P/M	BAG AIR	LDPE,T0.2,L1800,W1000,TRP,,,LDPE ONLY	SNA
3	6902-000108	P/M	BAG PE	HDPE,T0.015,L1100,W1120,TRP,28,4,PE MARK	SNA
3	6902-000379	P/M	BAG AIR	HDPE,T0.2,L1800,W1000,TRP,,,PAPER	SNA
3	6902-000609	P/M	BAG ROLL	LDPE,T0.05,W2400,L1000,TRP,-,-	SNA
3	BH69-00565A	P/M	CUSHION	LE19IS,EPS M50,DF	SNA
3	BH69-40380A	P/M	PACKING-PAD	DW-2,500X2200X200,-,CGK5527	SNA
2	BH92-01074B	-	ASSY BOX	LE19IT,EDC	SNA
3	BH68-00530A	BOX	LABEL BOX-01	LABEL-BARCODE,CE+TCO03,MOJO 90G,WHT	SNA
3	BH69-00579A	BOX	BOX-00,MONITOR	S/T98PDF(LE19IT) W/W,CB-DW3,YEL,A-1,W542*D592*H477	SNA
2	BH92-01093A	-	ASSY LABEL	LEO-PJT(15/17/19)	SNA
3	BH68-00565A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90*65,BLK,POLYESTER,NO SILK	SNA
2	BH92-01162D	-	ASSY ACCESSORY	LEO	SNA
3	BH96-00297D	UNIT/ACCESSORY	ASSY ACCESSORY	LEO	SNA
4	0203-000214	ACCESSORY	TAPE-OPP MASKING	OPP/W50/CLR,T0.05,W50,L400000,	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
4	BH39-10339H	ACCESSORY	CBF POWER CORD	DET,H05VV-F,250V/10,16A,BLK,25	SA
4	BH68-70420A	ACCESSORY	CARD-EU WARRNTY-05	SAMTRON15 OVER,SAMTRON,EU,MOJ	SNA
4	BH96-00296B	ACCESSORY	ASSY MANUAL P-IB+QSG	78E,78DF,78BDF,98PDF,SAMTRON,W/W,27Lang,BH59-362B+BH68-376J	SNA
5	BH59-00362B	I/B	S/W DRIVER-00,IB	591S,78E,78BDF,98PDF,W/W,SAMTRON,27LANG	SNA
5	BH68-00376J	I/B	MANUAL-01	AN_QUICK SETUP GUIDE,SYNCMASTER,E/F/S/G/P/I..14LANGS,W/W,MOJO100G,298,420	SNA

8 Block Diagram

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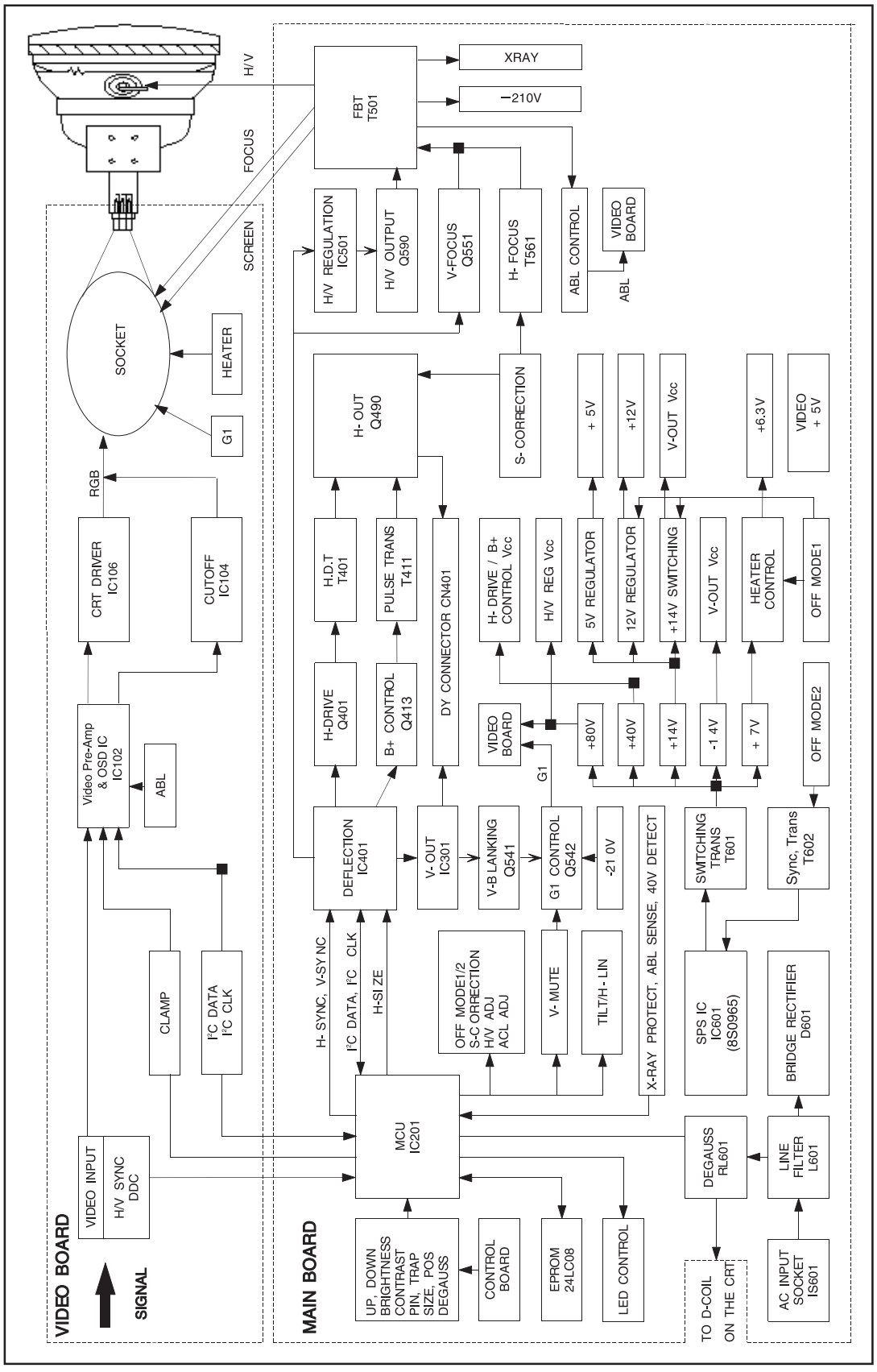

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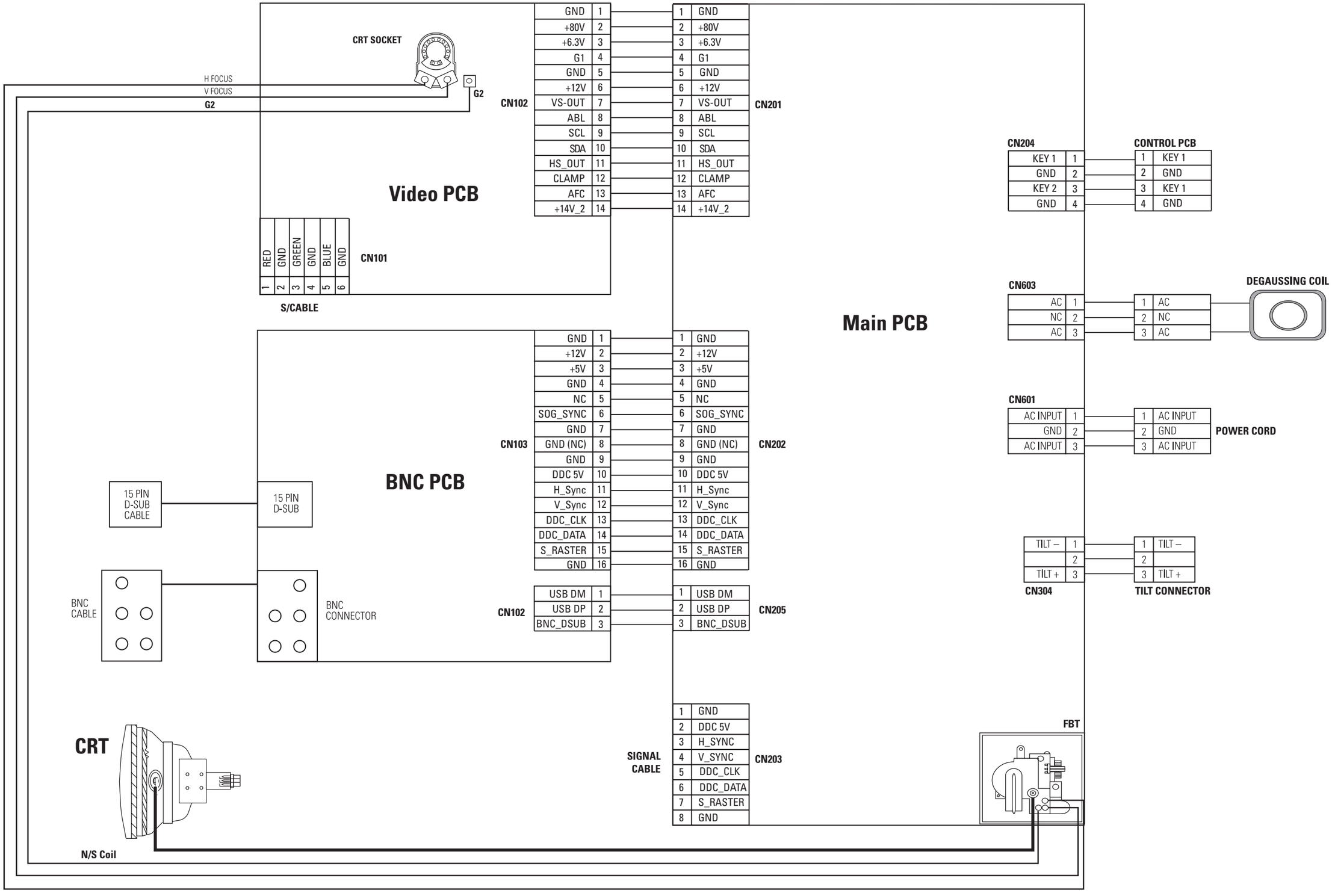
9 Wiring Diagram



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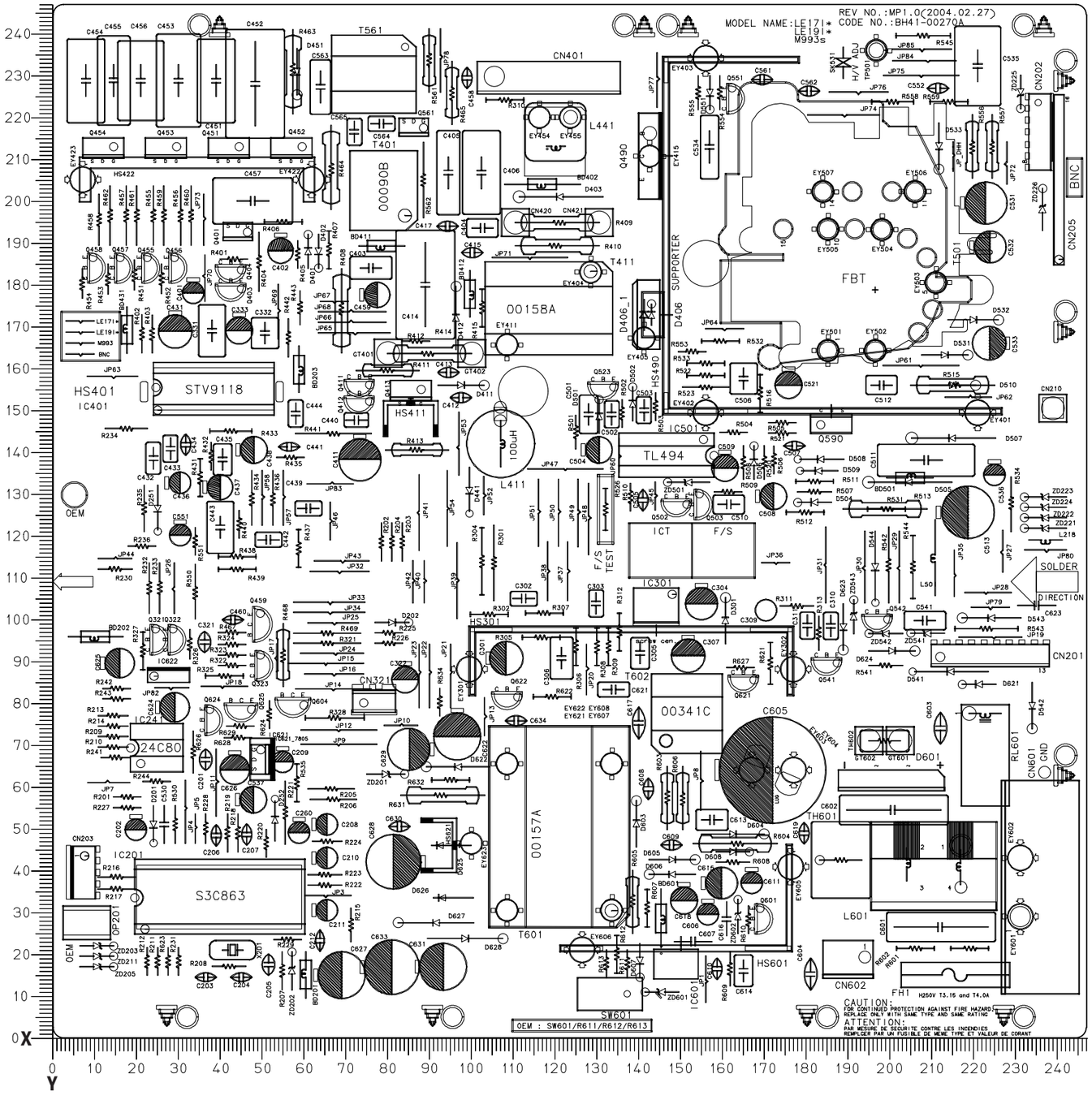
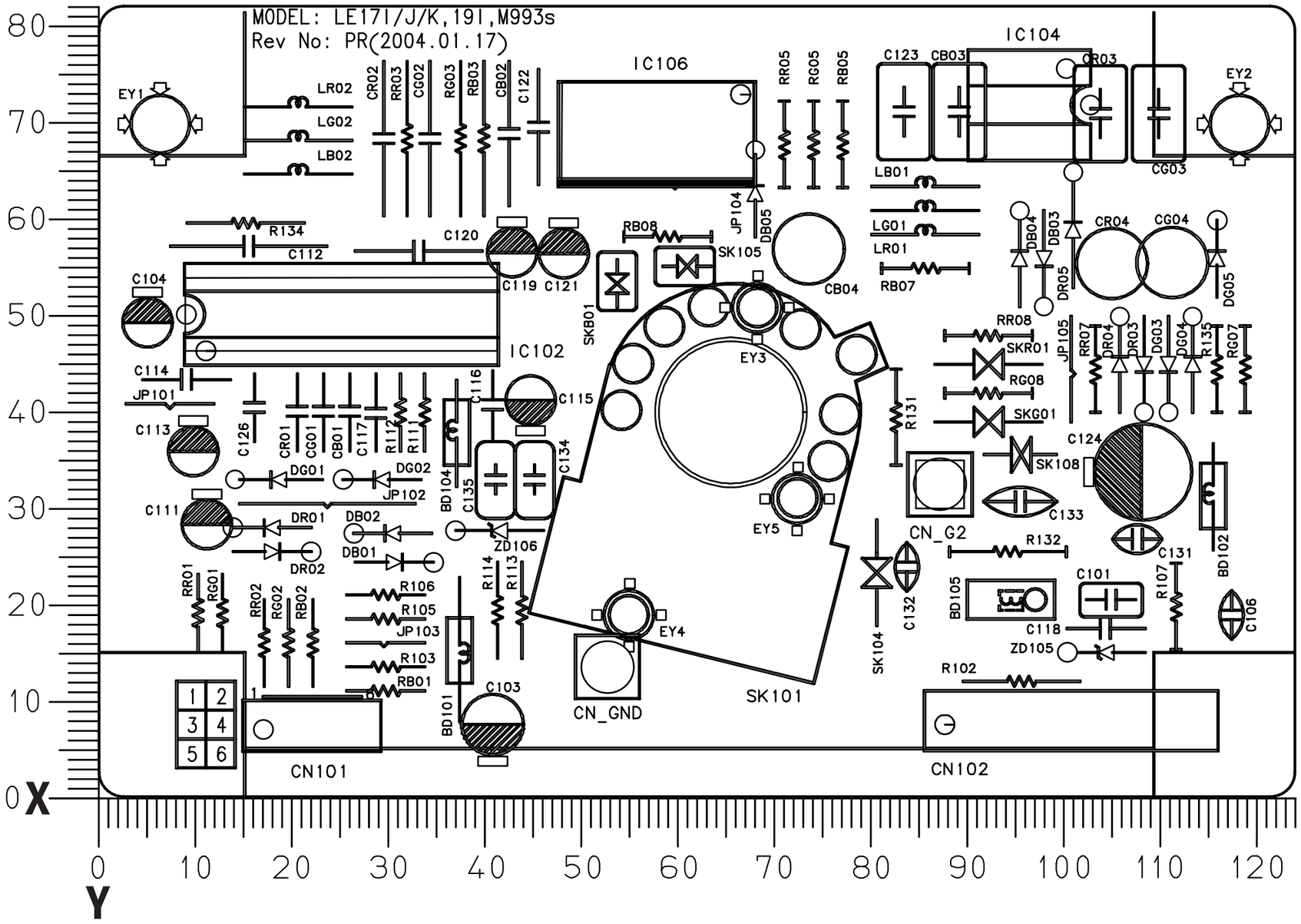
10 PCB Layout

10-1 Main PCB Layout



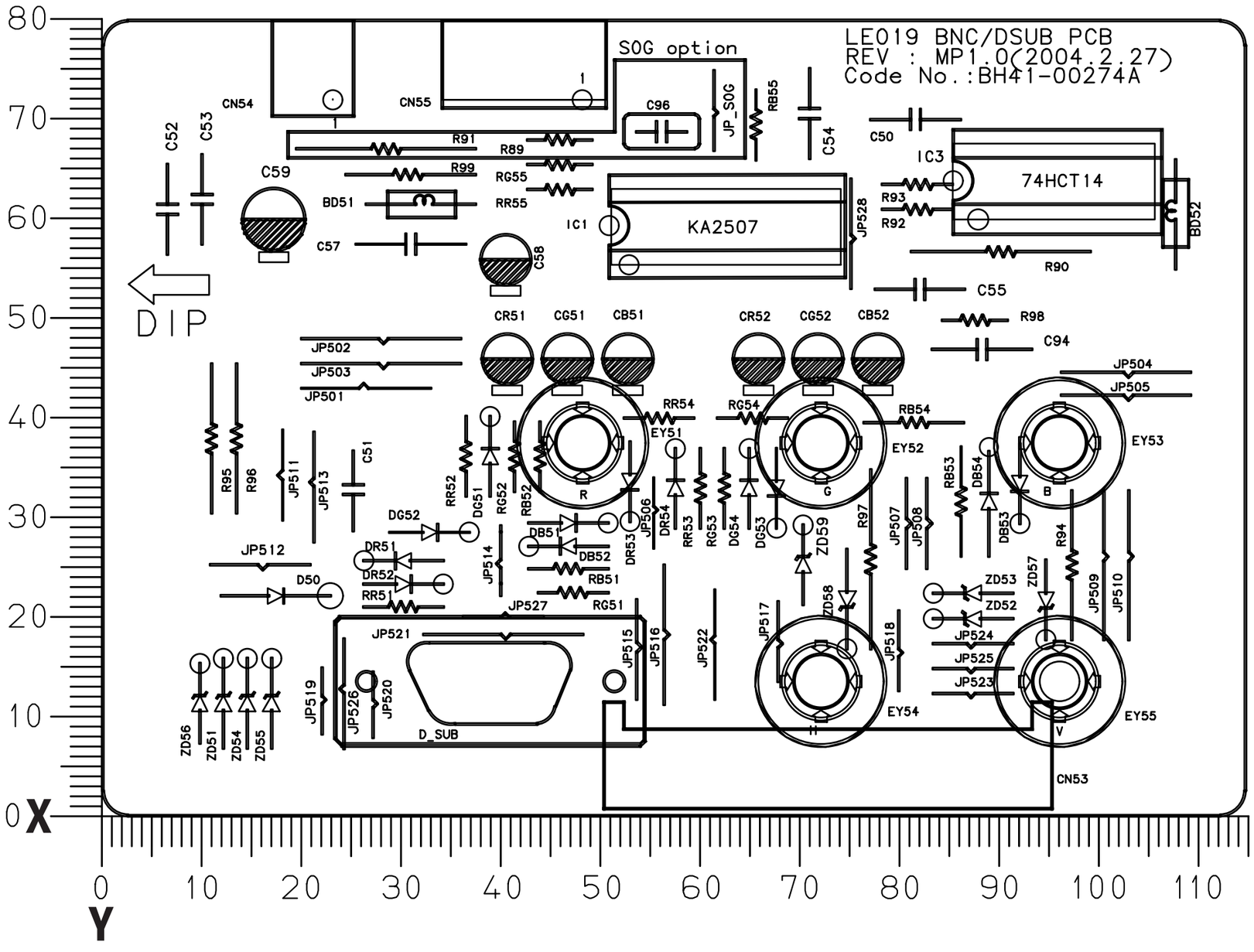
Loc. No.	Description	X	Y
DIODE			
D201	DIODE-SIG,1N4148,DO-35	23.8	55.5
D202	DIODE-SIG,1N4148,DO-35	77.0	99.3
D251	DIODE-SIG,1N4148,DO-35	25.0	132.0
D252	DIODE-SIG,1N4148,DO-35	53.1	47.1
D301	UF4004,400V,1A,DO-41	160.7	94.2
D401	DIODE-SIG,1N4148,DO-35	60.7	184.0
D402	DIODE-SIG,1N4148,DO-35	63.2	192.0
D403	-,40V,3A,DO-201AD,BK	131.5	201.0
D406	DTV1500HFP,1500,6A,TO-220FPAC,	143.1	175.4
D406_1	FFAF10U170S,1700V,10A,DO-201AD,ST	141.3	178.3
D411	UF1G,400V,1.2A,DO-204AL,TP	92.0	156.0
D412	UF4004,400V,1A,DO-41	96.3	164.6
D441	1SS244,250V,200mA,300mW,75nS,D	99.5	136.3
D451	UF4004,400V,1A,DO-41	58.4	236.4
D501	DIODE-SIG,1N4148,DO-35	130.5	144.5
D502	DIODE-SIG,1N4148,DO-35	138.6	147.5
D504	DIODE-SIG,1N4148,DO-35	186.0	128.0
D505	GUR460L-5700,600V,4A,DO-201AD,	214.9	132.8
D506	DIODE-SIG,1N4148,DO-35	167.5	133.5
D507	GUR460L-5700,600V,4A,DO-201AD,	225.2	143.3
D508	DIODE-SIG,1N4148,DO-35	189.0	138.3
D509	DIODE-SIG,1N4148,DO-35	187.5	135.5
D510	UF4004,400V,1A,DO-41	209.5	156.0
D531	UF4007,1KV,1A,DO-41	207.6	163.2
D532	UF4004,400V,1A,DO-41	214.0	171.6
D533	RGP02-12,1200V,0.5A,DO-204AL	212.0	223.5
D541	DIODE-SIG,1N4148,DO-35	223.5	87.5
D542	1N4936GP,400V,1A,DO-204AL,TP	234.0	84.9
D543	TVR10G,400V,1.0A,DO-41	231.3	100.5
D544	DIODE-SIG,1N4148,DO-35	196.5	121.0
D551	DIODE-SIG,1N4148,DO-35	203.0	224.5
D601	D3SBA60,600V,2.3A,SIP4,BK	211.6	62.3
D603	UF4007,1KV,1A,DO-41	139.4	45.7
D604	UF4007,1KV,1A,DO-41	155.0	48.7
D605	TVR10G,400V,1.0A,DO-41	142.5	42.6
D606	TVR10G,400V,1.0A,DO-41	153.5	39.1
D607	DIODE-SIG,1N4148,DO-35	140.8	22.6
D608	DIODE-SIG,1N4148,DO-35	158.5	44.5
D621	DIODE-SIG,1N4148,DO-35	225.4	84.5
D622	UG2D,200V,2A,DO-204AC,TP	104.5	64.7
D623	UF4004,400V,1A,DO-41	188.8	104.5
D624	UF4004,400V,1A,DO-41	195.0	92.5
D625	31DF4,400V,3A,DO-201AD	100.0	46.0
D626	31DF4,400V,3A,DO-201AD	100.5	33.5
D627	UG2D,200V,2A,DO-204AC,TP	100.5	27.5
D628	UF1G,400V,1.2A,DO-204AL,TP	89.5	23.8
ZD201	UZ24BH,24V,24.2-25.7V,500mW,DO	75.0	63.0
ZD202	UZ4.7BSA,4.7V,4.47-4.65V,500mW	57.1	11.5
ZD203	UZ6.2BSB,6.2V,5.99-6.24V,500mW	6.5	22.0
ZD205	UZ6.2BSB,6.2V,5.99-6.24V,500mW	6.5	17.0
ZD211	UZ6.2BSB,6.2V,5.99-6.24V,500mW	6.5	19.5
ZD221	UZ6.2BSB,6.2V,5.99-6.24V,500mW	242.2	121.8
ZD222	UZ6.2BSB,6.2V,5.99-6.24V,500mW	242.2	124.3
ZD223	UZ6.2BSB,6.2V,5.99-6.24V,500mW	242.2	129.3
ZD224	UZ6.2BSB,6.2V,5.99-6.24V,500mW	242.2	126.8
ZD225	UZ6.2BSB,6.2V,5.99-6.24V,500mW	231.3	230.1
ZD226	UZ6.2BSB,6.2V,5.99-6.24V,500mW	236.5	193.0
ZD501	UZ6.2BSB,6.2V,5.99-6.24V,500mW	154.5	131.9
ZD541	MTZJ30D,30V,29.02-30.51V,500mW	213.0	96.7
ZD542	UZ39BSB,35.36-37.19V,500MW,DO-34,TP	195.0	96.5
ZD543	UZ4.7BSA,4.7V,4.47-4.65V,500mW	191.5	96.5
ZD601	UZ39BSB,35.36-37.19V,500MW,DO-34,TP	141.5	11.0
ZD602	UZ6.2BSB,6.2V,5.99-6.24V,500mW	163.7	25.0
IC			
IC201	NT86F63,8BIT,SDIP,42P,600MIL,1	22.0	26.0
IC241	24C081,8KBIT,DIP,8P,300MIL,10M	21.0	65.5
IC301	STV9302A,HEPTAWATT,7P,10.22X15	148.0	106.0
IC401	TDA4859,DIP,32P,400MIL,PLASTIC	25.0	150.0
IC501	494,DIP,16P,300MIL,PLASTIC,40V	155.5	143.0
IC601	-,DP104C,TO-220-5L,5P,POWER SW	148.9	18.5
IC621	IRFU210B,N,200V,2.7A,1.50HM,2.	49.4	68.9
IC622	78R12,TO-220,3P,-,-,12V,-,0to+	24.2	86.5
IC621_7805	7805,TO-220,3P,-,PLASTIC,4.8/5	49.4	69.1
TRANSISTOR			
Q321	2N3904,NPN,625mW,TO-92,-,100-3	24.5	97.7
Q322	2N3906,PNP,625mW,TO-92,TP,100-	28.7	97.7
Q323	TR-NPN,KSC945,TO-92,EBC	49.5	91.5
Q401	IRFU210B,N,200V,2.7A,1.50HM,2.	46.5	192.5
Q403	TR-NPN,KSC945,TO-92,EBC	45.0	179.0
Q404	KSA733-Y,PNP,250mW,TO-92,-,120	45.0	183.5
Q411	TR-NPN,KSC945,TO-92,EBC	75.0	156.1
Q412	KSA733-Y,PNP,250mW,TO-92,-,120	75.0	151.8
Q413	IRF634A,N,250V,8.1A,450mohm,74	88.0	155.0
Q451	IRFS630B,N,200V,9A,0.40HM,38W,	44.5	213.0
Q452	IRFS630B,N,200V,9A,0.40HM,38W,	59.5	213.0
Q453	IRFS630B,N,200V,9A,0.40HM,38W,	29.5	213.0
Q454	IRFS630B,N,200V,9A,0.40HM,38W,	14.5	213.0
Q455	TR-NPN,KSC945,TO-92,EBC	22.0	187.5
Q456	TR-NPN,KSC945,TO-92,EBC	29.0	187.5
Q457	TR-NPN,KSC945,TO-92,EBC	15.0	187.5
Q458	TR-NPN,KSC945,TO-92,EBC	8.0	187.5
Q459	KSD1616-Y,NPN,750mW,TO-92,TP,1	49.5	101.5
Q490	FJL6920,NPN,200000MW,TO-264,ST	142.6	216.2
Q502	2N3904,NPN,625mW,TO-92,-,100-3	151.5	127.5
Q503	2N3906,PNP,625mW,TO-92,TP,100-	155.4	129.1
Q523	2N3904,NPN,625mW,TO-92,-,100-3	134.0	155.5
Q541	TR-NPN,KSC945,TO-92,EBC	187.5	89.8
Q542	2N6520,PNP,625mW,TO-92,-,30-20	199.5	100.7
Q551	KSP44,NPN,625mW,TO-92,-,50-200	198.5	236.0
Q561	IRFU210B,N,200V,2.7A,1.50HM,2.	88.5	217.5
Q590	2SK2761-01MR,N,600V,10A,0.85oh	183.5	146.5
Q601	2N3904,NPN,625mW,TO-92,-,100-3	169.0	31.0
Q604	KSD1616-Y,NPN,750mW,TO-92,TP,1	60.0	79.5
Q621	KSC1008,NPN,80V,60V,700mA,800m	167.5	85.5
Q622	TR-NPN,KSC945,TO-92,EBC	111.1	81.5
Q624	TR-NPN,KSC945,TO-92,EBC	37.5	78.5
Q625	KSB1116-Y,PNP,0.75W,TO-92,-,13	47.5	78.5

10-2 Video PCB Layout



Loc. No.	Description	X	Y
DIODE			
DB01	DIODE-SWITCHING	25.4	24.6
DB02	DIODE-SWITCHING	33.4	27.1
DB03	DIODE-SWITCHING	97.2	61.0
DB04	DIODE-SWITCHING	94.7	51.0
DB05	DIODE-SWITCHING	67.5	56.5
DG01	DIODE-SWITCHING	22.4	33.0
DG02	DIODE-SWITCHING	32.5	33.0
DG03	DIODE-SWITCHING	113.5	48.2
DG04	DIODE-SWITCHING	116.0	39.2
DG05	DIODE-SWITCHING	111.7	63.0
DR01	DIODE-SWITCHING	21.7	27.1
DR02	DIODE-SWITCHING	13.7	24.6
DR03	DIODE-SWITCHING	111.0	48.2
DR04	DIODE-SWITCHING	108.5	39.2
DR05	DIODE-SWITCHING	102.7	53.0
ZD105	DIODE-ZENER	5.0	15.0
IC			
IC102	IC-VIDEO AMP	11.0	46.4
IC104	IC-BIAS CLAMP	98.1	75.6
IC106	IC HYBRID	64.3	70.4

10-3 BNC PCB Layout



Loc. No.	Description	X	Y
DIODE			
D50	DIODE-RECTIFIER	11.9	22.1
DB51	DIODE-SIG,1N4148,DO-35	42.9	29.5
DB52	DIODE-SIG,1N4148,DO-35	50.9	27.1
DB53	DIODE-SIG,1N4148,DO-35	92.3	37.4
DB54	DIODE-SIG,1N4148,DO-35	89.2	26.1
DG51	DIODE-SIG,1N4148,DO-35	39.0	32.2
DG52	DIODE-SIG,1N4148,DO-35	28.9	28.5
DG53	DIODE-SIG,1N4148,DO-35	67.8	37.0
DG54	DIODE-SIG,1N4148,DO-35	65.0	29.0
DR51	DIODE-SIG,1N4148,DO-35	34.3	25.7
DR52	DIODE-SIG,1N4148,DO-35	26.3	23.3
DR53	DIODE-SIG,1N4148,DO-35	53.1	37.6
DR54	DIODE-SIG,1N4148,DO-35	57.6	29.0
ZD51	DIODE-ZENER	12.2	6.8
ZD52	DIODE-ZENER	91.6	19.8
ZD53	DIODE-ZENER	91.6	22.4
ZD54	DIODE-ZENER	14.6	6.8
ZD55	DIODE-ZENER	17.0	6.8
ZD56	DIODE-ZENER	9.8	7.3
ZD57	DIODE-ZENER	95.0	25.7
ZD58	DIODE-ZENER	74.9	26.8
ZD59	DIODE-ZENER	70.5	21.3
IC			
IC1	IC-VIDEO SWITCH	53.0	55.5
IC3	IC-CMOS LOGIC	88.1	60.0

11 Schematic Diagrams

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11-1 Main_1 Part Schematic Diagram

LEO PROJECT

CAUTION

1. THE AREAS MARKED WITH A ⚠ IN THE SCHEMATIC DIAGRAM AND THE PARTS LIST DESIGNATE COMPONENT WHICH HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. BEFORE REPLACING ANY OF THE COMPONENTS, READ CAREFULLY THE "PRODUCT SAFETY NOTICE".

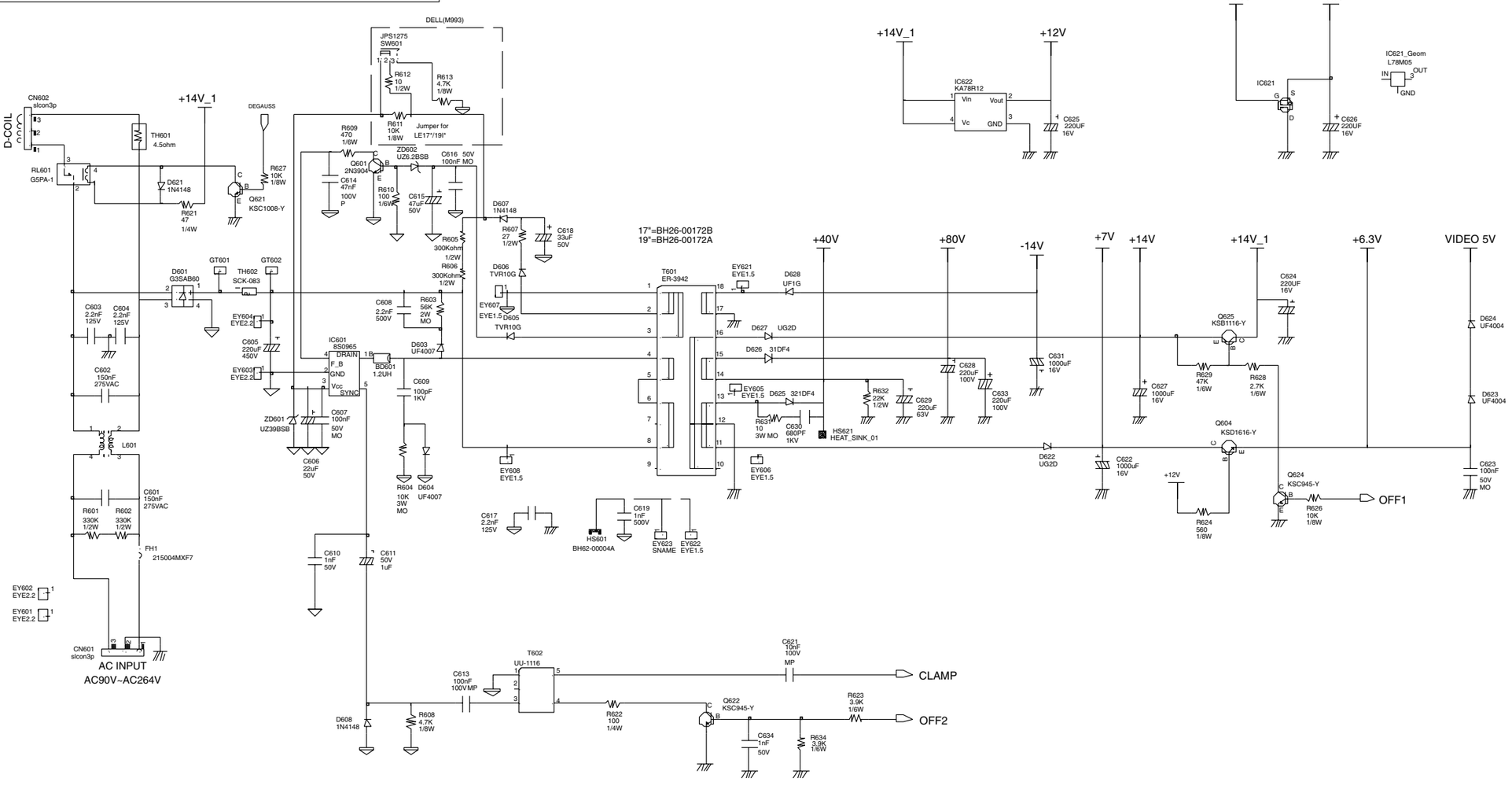
2. DRAWING A NUMEROUS MEASUREMENT OF THIS MONITOR MATTERS THAT DEMAND SPECIAL ATTENTION IS FOLLOWING
1)DO NOT USE YOUR INSTRUMENT BETWEEN PRIMARY GROUND (SYMBOL ⏚) AND SECONDARY CIRCUIT.
2)DO NOT USE YOUR INSTRUMENT BETWEEN SECONDARY GROUND (SYMBOL ⏚) AND PRIMARY CIRCUIT.

AVERTTISSMENT: " CE RECEPTEUREST EQUIPE DE COMPOSANTS CRITIQUES POUR LA SECURITE TOUTESLES PIECES INDIQUEES DANS LES ZONES OMBREES DU SCHEMA SONT CRITQUEPOUR LA SECURITE DE LAPPAREIL NE REMP LACER LE FABRICANT DONT LE FONCTIONNEMENT EST CRITITE QUE PAR DES PIECES RECOMMANDEES PAR LE FABRICANT CONSULTER LA NOMENCLAYURE DES PIECES POUR TROUVER."

WARNING: ⏚ "THIS EQUIPMENT CONTAINS SAFETY ⏚ CRITICAL COMPONTS ALL PARTS SHOWN IN THE SHADED AREAS OF THE SCHEMATICARE SAFETY REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURERS RECOMENDED PARTS LIST FOR EXACT REPLACEMENTS".

NOTE
1. RESISTANCE IS SHOWN IN OHM K=1000, M-1000000. RATED POWER OF RESISTOR NOT NOTED IN SCHEMATIC DIAGRAM IS 1/6W.
2. CAPACITANCE IS SHOWN UF AND NOT NOTED CAPACITANCE IS SHOWN PF. 1UF=1000000PF. RATED VOLTAGE OF CONDENSER NOT NOTED IN SCHEMATIC DIAGRAM IS 50V.
3. ABBREVIATION AND SYMBOL
MO:R-METAL-OXIDE WW:R-WIRE WOUND FU:R-FUSIBLE MF: R-METAL FILM CC:R-COMPOSITION P:C-POLYESTER
MO:C-MONOLYTIC NPO:C-NPO PP:C-POLYPROPYLENE MP:C-M.POLYESTER MPP : C-METAL POLYPROPYLENE T:C-TANTALIUM
PRIMARY GROUND SECONDARY GROUND
4. THE SECONDARY VOLTAGE IS READ WITH SSVM FROM INDICATED POINT TO SECONDARY GROUND (⏚) THE PRIMARY VOLTAGE IS READ WITH SSVM FROM INDICATED POINT TO PRIMARY GROUND (⏚).
5. THIS SCHEMATIC DIAGRAM IS SUBJECT TO CHANGE WITHOUT NOTICE FOR FURTHER IMPROVEMENT.

WARING: BEFORE SERVICING THIS CHASSIS, READ "X-RAY RADIATION PRECAUTION,SAFETY PRECAUTION, PRODUCT SAFETY NOTICE".



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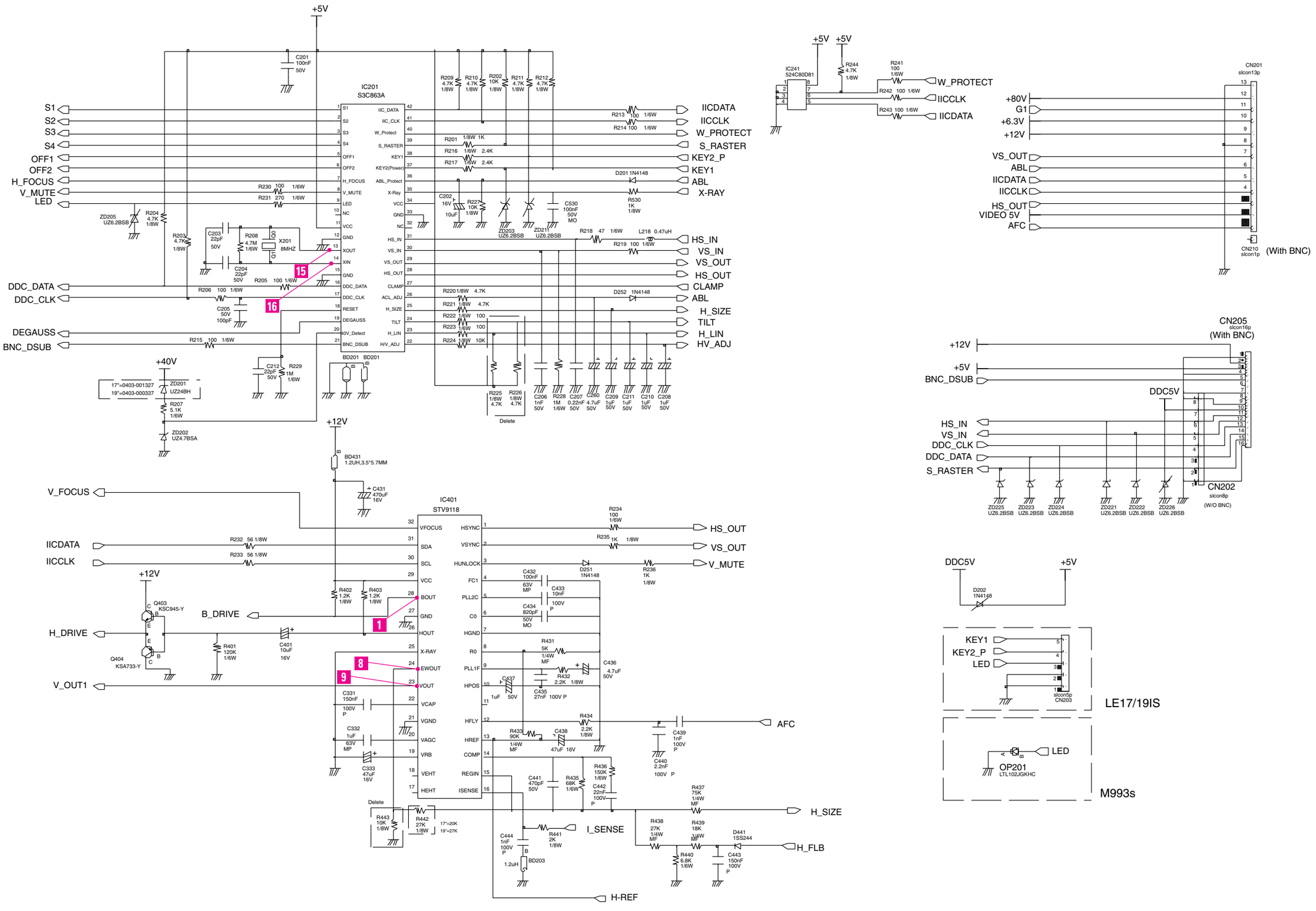
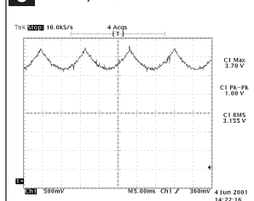
11-2 Main_2 Part Schematic Diagram



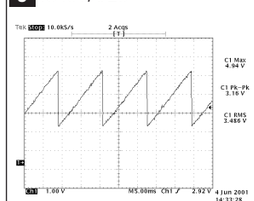
1 IC401, #28

CH1 P-P = 10.96 V CH1 RMS = 6.180 V

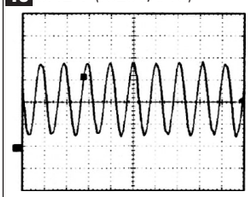
8 IC401, #24



9 IC401, #23

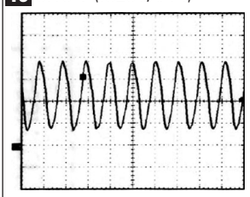


15 3.42 V (IC201, #13)



CH1 P-P = 3.42 V CH1 RMS = 2.500V

16 3.16 V (IC201, #14)



CH1 P-P = 3.16 V CH1 RMS = 2.560 V

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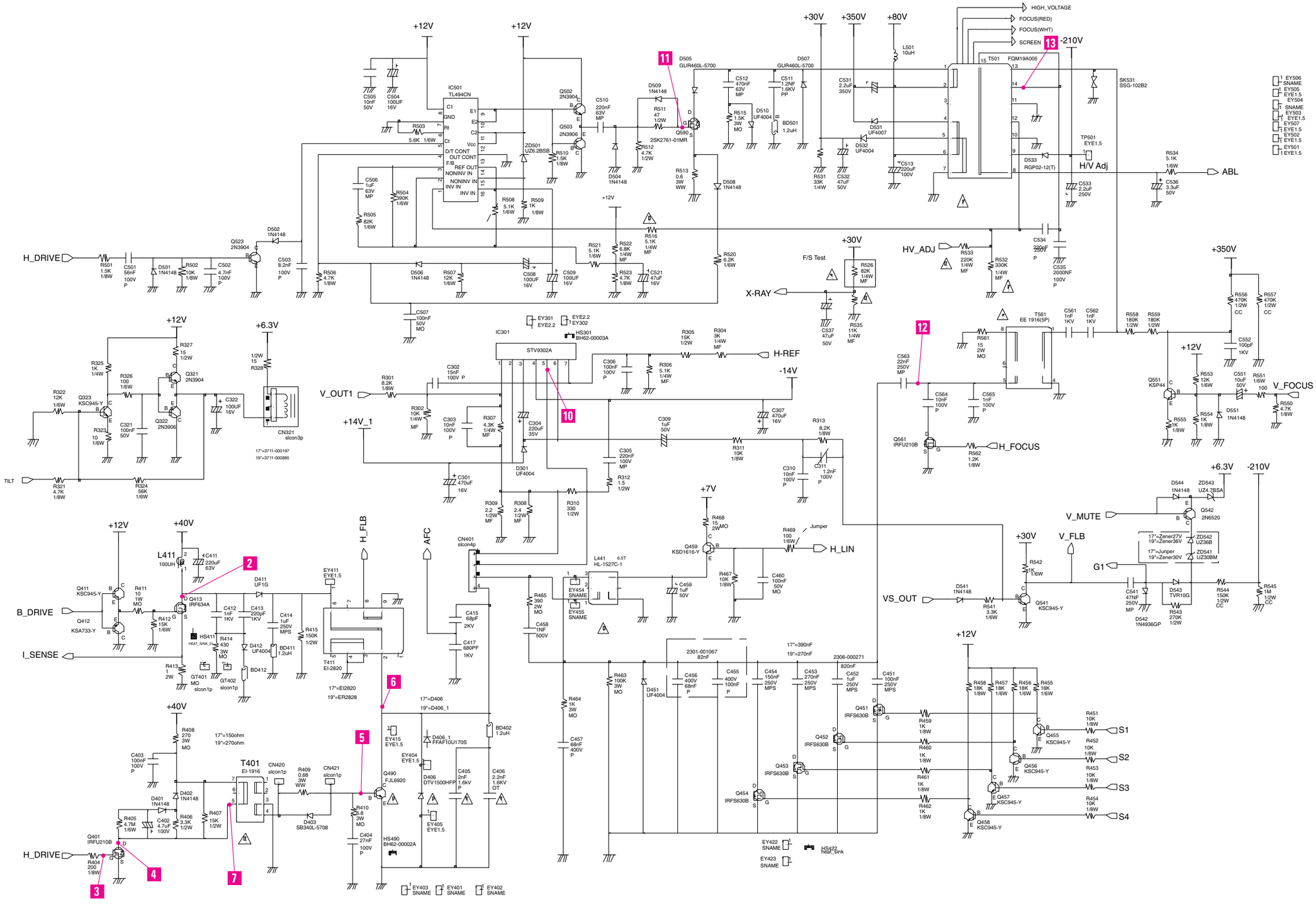
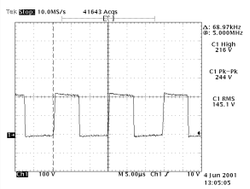
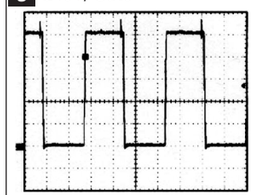
11-3 Main_3 Part Schematic Diagram



2 Q413, Drain

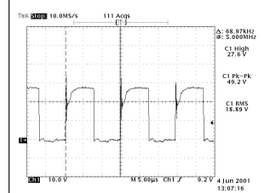


3 Q401, Gate

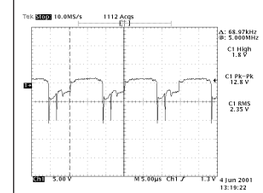


CH1 P-P = 11.6 V CH1 RMS = 6.944V

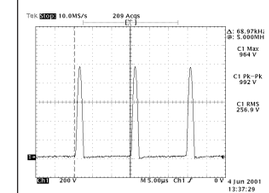
4 Q401, Drain



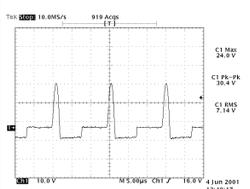
5 Q490, Base



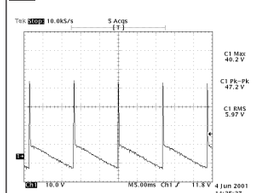
6 Q490, Collector



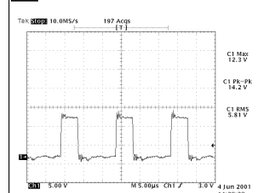
7 T401, #5



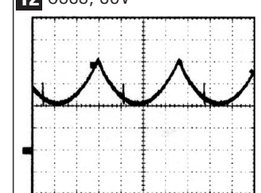
10 IC301, #5



11 Q590, Gate



12 C563, 60V



CH1 P-P = 2.20 V CH1 RMS = 2.776 V

13 T501, #13

CH1 P-P = 580 V CH1 RMS = 278.2 V

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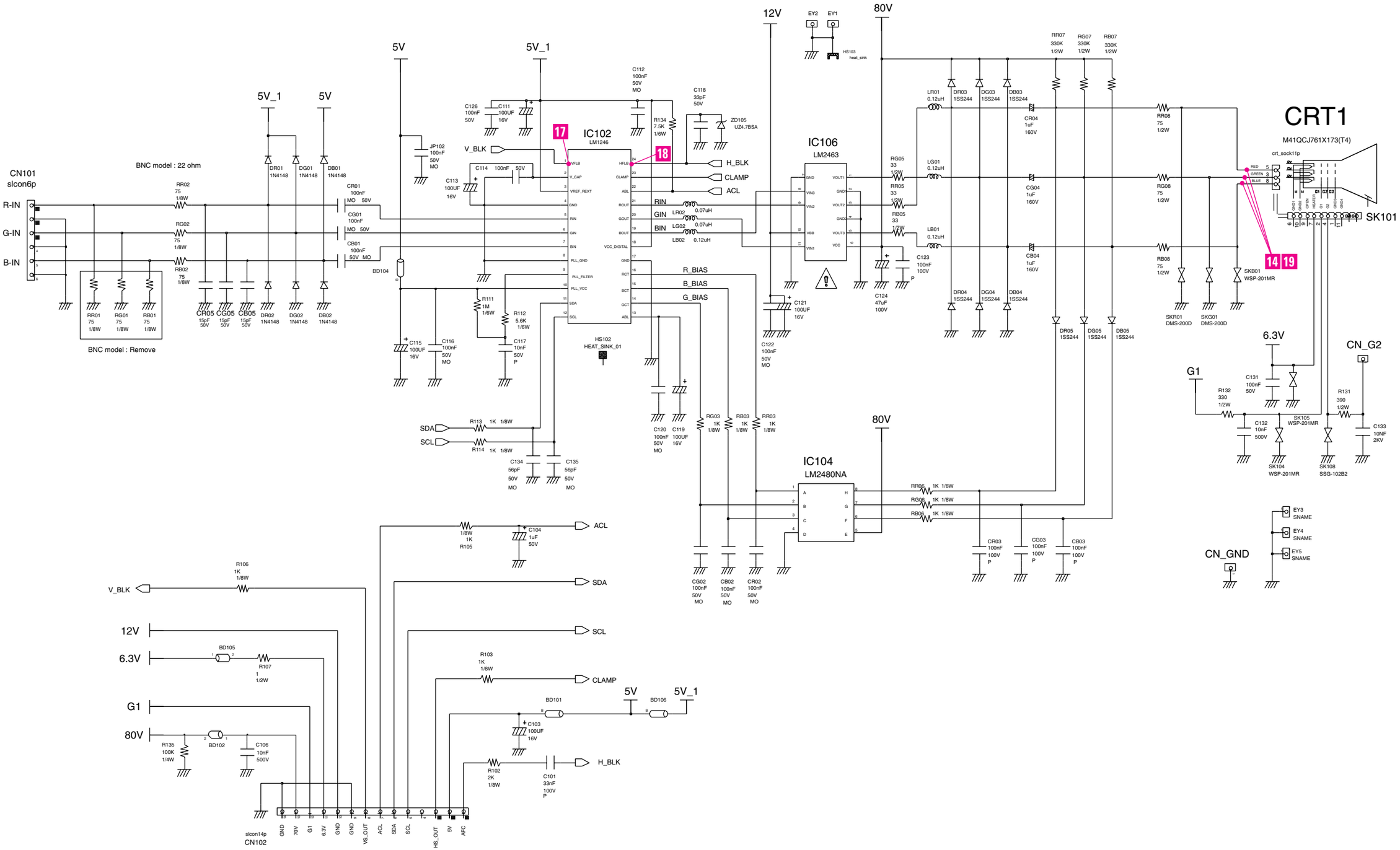
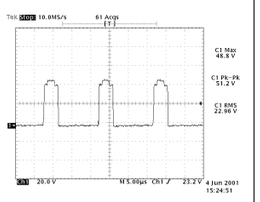
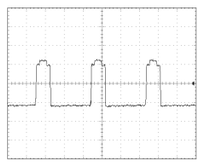
11-4 Video Part Schematic Diagram



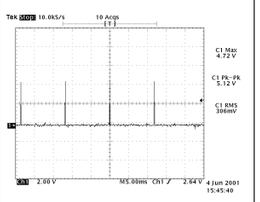
14 CRT Socket, Red, Green, Blue



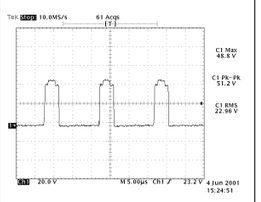
17 IC102, #1



18 IC102, #24



19 R, G, B, Video



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11-5 BNC Part Schematic Diagram